



2023/24 Course Descriptions

**course list subject to change. Not all courses are available in all states.*

Course Name	Course Summary
Art 1	In this course the student will develop and use skills in art, building on his knowledge about line, shape, and color. Your student will be introduced to other elements of art as well as to the principles of design. This course will enable your student to develop his creative side through the introduction of art media and the exploration of art themes. The activities in this course include practicing drawing, learning about color, creating designs using balance and patterns, and working with three dimensional forms.
Art 2	In this course, your student will continue to develop and use skills in art, building on his knowledge about line, shape, and color. Your student will be introduced to other art elements as well as to the principles of design. This course will enable your student to develop his creative side through the introduction of art media and through the exploration of art themes. The activities in this course include drawing, learning about color, creating designs using balance and patterns, and working with three-dimensional forms.
Art K	In this course, the student will explore color, line, and shape. A combination of interactive and hands-on studio projects encourages the student to create art, sharpen fine motor skills, and explore areas of interest in art. Artistic modes include drawing, painting, assembling, and sculpting.

Computer Science 2 A	In Semester A of this course, the student will learn the principles of responsible internet use, fundamentals of computer systems, basic troubleshooting, and the practical use of data in a computing setting. Computing system and programming instruction is presented in close alignment with national CSTA K-12 Computer Science Standards. Throughout the core instruction, the student is prompted to explain basic computing concepts, master domain-specific terminology, and describe and use patterns to make predictions. Advanced concepts are broken down into easily understandable and applicable components that enable the student to conduct a simple data analysis. Together, the course elements of Semester A provide the student with a thorough and approachable introduction to the field of computer science.
Computer Science 2 B	In Semester B of this course, the student will apply their learning from the previous semester to approach more advanced computing topics such as decomposing problems, writing and editing algorithms, and creating and debugging computer programs. As with the previous semester, instruction is presented in close alignment with national CSTA K-12 Computer Science Standards. Students are presented with instruction on algorithms in the form of practical lists and steps, with real-world applications for creating, evaluating, and correcting, and finish the semester by using their knowledge to write a program in a block-based programming framework. Along with Semester A, the elements of Semester B provide the student with a solid foundation in computer science fundamentals that will prove invaluable in future computing, programming, and networking studies.
Educational Technology and Online Learning 1	In this course, students build on foundational skills while using software to draw, type, and format text, and create presentations to support academic skills. Students learn listening and organizational skills and set attainable learning goals. Students become responsible users of technology as they learn about Internet safety and appropriate online behavior.
Educational Technology and Online Learning 2	In this course, students use appropriate technology tools and resources to complete projects, and solve problems. Students use software to draw, write, organize, and present information and data. Students learn listening and organizational skills and set attainable learning goals. Students become responsible users of technology as they learn about Internet safety and appropriate online behavior.
Educational Technology and Online Learning K	In this course, students will explore the features of a draw and paint program as a tool to support emerging reading, writing, and mathematics skills. They will locate letters and numbers on the keyboard. A study skills unit will introduce them to listening and visualization skills that will support learning across the school day. Students will recognize safe and responsible use of technology resources so that they can become model digital citizens.
Experiencing Music I	Designed for students in grades K–2, this course explores differences between music and everyday sounds, and also how the body hears and responds to music. Aligning to the National Core Arts Standards, the course introduces skills that assist the student in making music individually and with another person. The student will identify instrument characteristics and sounds and begin to consider the way music of the student's own culture might sound different to a person from another culture. With audio, visual, and interactive technologies, this course provides a unique and advanced learning experience.
Experiencing Music II	Designed for students in grades K–2, this course introduces basic components of music: melody and rhythm. Aligning to the National Core Arts Standards, the course teaches the student to explore an individual voice by creating beats and rhythms. In addition, the student will use critical listening skills to analyze music while participating in interactive experiences. With audio, visual, and interactive technologies, this course provides a unique and advanced learning experience.
Experiencing Music III	Designed for students in grades K–2, this course deepens the student's understanding of the roles musicians play in today's society. Aligning to the National Core Arts Standards, this course uses dynamic media to help the student discover a musical identity while expanding knowledge of the foundations of music. The student will apply foundational knowledge to different musical styles and literature. With audio, visual, and interactive technologies, this course provides a unique and advanced learning experience.

Gifted and Talented Literature Study 2

The Junior Great Books(r) program involves a student in reading engaging literature and participating in rich discussion. The literature included in the Junior Great Books program is chosen to spark a high level of thinking and expose the student to rich language and vocabulary. The teacher and Learning Coach use the Shared Inquiry(tm) method to help a student acquire the qualities and strategies of effective readers and thinkers. The student learns to read actively, noticing thoughts and questions that come to mind during the act of reading. He also learns to use the text, his own experiences, prior knowledge, and critical and creative thinking to participate in discussions about the text. These discussions help the student answer his own questions, satisfy his curiosity, and think more deeply about the content and process of his reading.

The student reads and rereads each Junior Great Books selection. Through modeling and direct instruction, he learns to note questions and reactions to text information during these readings. These questions and reactions form the foundation for the Shared Inquiry discussion. The student also chooses writing projects as another way to understand and extend what he has read.

Language Arts 1 A

In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into a strong, fluent reader and writer. Reading, writing, and language instruction are presented in close alignment with the Common Core State Standards (CCSS). Daily core reading instruction gives the student the opportunity to read texts in a variety of literary and nonfiction genres at levels that match their individual ability. Instruction is presented in two modes: Peer Model, in which the student views a video of a peer learning how to use and apply the target skill, and 21st Century, in which the student gains proficiency in the skills, knowledge, and expertise they must master to succeed in work and life. Throughout the core reading block, engaging and thought-provoking activities allow the student to master a variety of related disciplines, including fluency, vocabulary, and speaking and listening. The focus on reading is supplemented with instruction in phonics, handwriting, grammar, and reading foundations—skill areas vital to a burgeoning reader's development. The course also provides the student with a thorough understanding of the writing process, from planning to drafting to revision, editing, and publishing, and includes instruction in developing an information text and a narrative text. Together, the course elements ensure that the student grows as a reader, writer, and communicator.

Language Arts 1 B

In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into a strong, fluent reader and writer. Reading, writing, and language instruction are presented in close alignment with the Common Core State Standards (CCSS). Daily core reading instruction gives the student the opportunity to read texts in a variety of literary and nonfiction genres at levels that match their individual ability. Instruction is presented in two modes: Peer Model, in which the student views a video of a peer learning how to use and apply the target skill, and 21st Century, in which the student gains proficiency in the skills, knowledge, and expertise they must master to succeed in work and life. Throughout the core reading block, engaging and thought-provoking activities allow the student to master a variety of related disciplines, including fluency, vocabulary, and speaking and listening. The focus on reading is supplemented with instruction in phonics, handwriting, grammar, and reading foundations—skill areas vital to a burgeoning reader's development. The course also provides the student with a thorough understanding of the writing process, from planning to drafting to revision, editing, and publishing, and includes instruction in developing an opinion text and a how-to book. Together, the course elements ensure that the student grows as a reader, writer, and communicator.

Language Arts 2 A

In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into a strong, fluent reader and writer. Reading, writing, and language instruction are presented in close alignment with the Common Core State Standards (CCSS). Daily core reading instruction give the student the opportunity to read texts in a variety of literary and nonfiction genres at levels that match their individual ability. Instruction is presented in two modes: Peer Model, in which the student views a video of a peer learning how to use and apply the target skill, and 21st Century, in which the student gains proficiency in the skills, knowledge, and expertise they must master to succeed in work and life. Throughout the core reading block, engaging and thought-provoking activities allow the student to master a variety of related disciplines, including fluency, vocabulary, and speaking and listening. The focus on reading is supplemented with instruction in phonics, handwriting, grammar, and reading foundations—skill areas vital to a burgeoning reader's development. The course also provides the student with a thorough understanding of the writing process, from planning to drafting to revision, editing, and publishing, and includes instruction in developing a how-to book and an opinion text. Together, the course elements ensure that the student grows as a reader, writer, and communicator.

Language Arts 2 B	<p>In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into strong, fluent readers and writers. Reading, writing, and language instruction are presented in close alignment with the Common Core State Standards (CCSS). Daily core reading instruction gives the student the opportunity to read texts in a variety of literary and nonfiction genres at levels that match their individual ability. Instruction is presented in two modes: Peer Model, in which the student views a video of a peer learning how to use and apply the target skill, and 21st Century, in which the student gains proficiency in the skills, knowledge, and expertise they must master to succeed in work and life. Throughout the core reading block, engaging and thought-provoking activities allow the student to master a variety of related disciplines, including fluency, vocabulary, and speaking and listening. The focus on reading is supplemented with instruction in phonics, handwriting, grammar, and reading foundations-skill areas vital to a burgeoning reader's development. The course also provides the student with a thorough understanding of the writing process, from planning to drafting to revision, editing, and publishing, and includes instruction in developing a narrative text and a research report. Together, the course elements ensure that the student grows as a reader, writer, and communicator.</p>
Language Arts K A	<p>In this course, the student will learn, practice, and apply the fundamental skills and strategies that will provide the foundation to grow into a strong, fluent reader, writer, and communicator. Reading, writing, and language instruction are presented in close alignment with the Common Core State Standards (CCSS). Early in the semester students review the names of the letters of the alphabet. Daily instruction in phonics and spelling as well as high frequency words serves as a building block that enables the student to emerge as a reader. Core reading instruction gives the student the opportunity to listen to, read together, and read independently texts in a variety of literary and nonfiction genres. The instruction is presented in a Peer Model mode, in which the student views a video of a peer learning how to use and apply the target core reading skill. The focus of core reading instruction is to develop the ability to comprehend and analyze texts. Instruction in the mechanics of writing serves as a building block that allows the student to emerge as a writer. Writing instruction guides the student through the process of dictating and writing narrative and informational texts. Speaking and Listening instruction is presented in a 21st Century mode, in which the student gains proficiency in the skills, knowledge, and expertise they must master to succeed in life and eventually the workplace. Together, the course elements ensure that the student grows as a reader, writer, and communicator.</p>
Language Arts K B	<p>In this course, the student will learn, practice, and apply the fundamental skills and strategies that will provide the foundation to grow into a strong, fluent reader, writer, and communicator. Reading, writing, and language instruction are presented in close alignment with the Common Core State Standards (CCSS). Daily instruction in phonics and spelling as well as high frequency words serves as a building block that enables the student to emerge as a reader. Core reading instruction gives the student the opportunity to listen to, read together, and read independently texts in a variety of literary and nonfiction genres. The instruction is presented in a Peer Model mode, in which the student views a video of a peer learning how to use and apply the target core reading skill. The focus of core reading instruction is to develop the ability to comprehend and analyze texts. Instruction in the mechanics of writing serves as a building block that allows the student to emerge as a writer. Writing instruction guides the student through the process of dictating and writing narrative and informational texts. Speaking and Listening instruction is presented in a 21st Century mode, in which the student gains proficiency in the skills, knowledge, and expertise they must master to succeed in life and eventually the workplace. Together, the course elements ensure that the student grows as a reader, writer, and communicator.</p>
Math 1 B	<p>In Math 1 B, the student will learn mathematical concepts related to counting, place value, comparing two-digit numbers, using models to add and subtract, reasoning with shapes, and parts of figures. Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.</p>
Math 2 B	<p>In Math 2 B, the student will learn mathematical concepts related to measuring length, graphs and data, shapes and their attributes, and place value using models. Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.</p>

Math K A	In this first semester course, mathematical thinking and problem solving are introduced. Students explore topics and apply mathematical practices outlined in the Common Core State Standards and other state standards. The first few units focus on counting and sorting. Then, lessons introduce addition and subtraction. Throughout the course, students engage in hands on and online activities to master basic skills.
Math K B	In this second semester course, students continue to engage in mathematical thinking and problem solving. Students explore topics and apply mathematical practices outlined in the Common Core State Standards and other state standards. Students have opportunities to describe, sort, and compare objects and explore basic shapes. Stories and activities teach students about money, time, fractions, and measurement. Throughout the course, students engage in hands on and online activities to master basic skills.
NGSS Science 1 A	Through this course the student will discover the wonders of science through hands-on experiences, virtual labs, and interactive activities. The student will develop science inquiry skills such as planning and conducting investigations, organizing and analyzing data, and drawing conclusions. Particular emphasis will be on making observations. Included in the course are the student's first experiences with the engineering design process. The student will have opportunities to brainstorm and design solutions for simple engineering problems. With the support of Pearson Realize videos, digital interactives, and readers, the student will develop content and conceptual knowledge across a number of scientific topics in earth science, physical science, and life science. Crosscutting concepts such as recognizing and understanding patterns will be integrated throughout the course.
NGSS Science 1 B	Through this course the student will discover the wonders of science through hands-on experiences, virtual labs, and interactive activities. The student will develop science inquiry skills such as planning and conducting investigations, organizing and analyzing data, and drawing conclusions. Particular emphasis will be on making observations. Included in the course are the student's first experiences with the engineering design process. The student will have opportunities to brainstorm and design solutions for simple engineering problems. With the support of Pearson Realize videos, digital interactives, and readers, the student will develop content and conceptual knowledge across a number of scientific topics in earth science, physical science, and life science. Crosscutting concepts such as recognizing and understanding patterns will be integrated throughout the course.
NGSS Science 2 A	Through this course the student will explore science topics across disciplines through hands-on experiences, virtual labs, and interactive activities. The student will develop science inquiry skills such as planning and conducting investigations, organizing and analyzing data, and drawing conclusions. Particular emphasis will be on creating and following simple procedures for investigations. Included in the course are experiences with the engineering design process. The student will have opportunities to brainstorm and design solutions for engineering problems. With the support of Pearson Realize videos, digital interactives, and readers, the student will develop content and conceptual knowledge across a number of scientific topics in earth science, physical science, and life science. Crosscutting concepts such as understanding cause and effect will be integrated throughout the course.
NGSS Science 2 B	Through this course the student will explore science topics across disciplines through hands-on experiences, virtual labs, and interactive activities. The student will develop science inquiry skills such as planning and conducting investigations, organizing and analyzing data, and drawing conclusions. Particular emphasis will be on creating and following simple procedures for investigations. Included in the course are experiences with the engineering design process. The student will have opportunities to brainstorm and design solutions for engineering problems. With the support of Pearson Realize videos, digital interactives, and readers, the student will develop content and conceptual knowledge across a number of scientific topics in earth science, physical science, and life science. Crosscutting concepts such as understanding cause and effect will be integrated throughout the course.

Non-NGSS Science 1 A Science provides a way for people to actively learn about the world around them. Throughout this course, the student will perform hands-on activities to explore organisms and habitats and examine the composition of Earth. The McGraw-Hill textbook Science: A Closer Look and the science kit are the primary resources for this course. The life science units explore how plants and animals grow and change. The Earth science units analyze Earth's land and resources, as well as how to care for Earth. The student will also explore the scientific method and different careers in science.

In this course, the student will investigate how sunlight affects leaves, design an experiment to discover what plants need to survive, create a model of a mountain, and delve into many more exciting experiments. The lessons in this course are designed to accommodate a variety of learning styles and to provide a variety of opportunities for the entire family to participate in the student's education. Some lessons, or groups of lessons, in each unit are activity-centered, which allows the student to engage the new concepts through exploration and discovery; others are more traditional, requiring the student to read, research, and reflect on the underlying theory.

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In this course, the student will investigate which liquids flow faster, how water can change from a liquid to a gas, create a weather chart, and delve into many more exciting experiments. The lessons in this course are designed to accommodate a variety of learning styles and to provide a variety of opportunities for the entire family to participate in the student's education. Some lessons, or groups of lessons, in each unit are activity-centered, which allows the student to engage the new concepts through exploration and discovery; others are more traditional, requiring the student to read, research, and reflect on the underlying theory.

Non-NGSS Science 2 A Studying science helps us understand the world around us as well as the world that existed before us. The McGraw-Hill textbook Science: A Closer Look and the science kit are the primary resources for this course. The student will study the major branches of science as he performs hands-on activities. The life science units explore different organisms and their habitats. The Earth science units investigate Earth's resources and physical composition.

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In this course, the student will compare the strength of different magnets, analyze the affect of sunlight on temperature, and do much, much more! The lessons in this course are designed to accommodate a variety of learning styles and to provide a variety of opportunities for the entire family to participate in the student's education. Some lessons, or groups of lessons, in each unit are activity-centered, which allow the student to engage the new concepts he encounters through exploration and discovery; others are more traditional, requiring the student to read, research, and reflect on the underlying theory.

Physical Education 1 Welcome to Physical Education 1! Each week, the student will learn a new game or activity. There will be games and activities that may be played inside, while others will be better suited for outdoor play. The games and activities in this course are grouped in thematic units. In each lesson, the student will find a brief description of that week's game. Each week a new game will be added, but the previous lessons' games will still be listed for the student to see. In addition to the activities described in the lessons, students will also have the option of participating in yoga or an individual or team sport.

Physical Education 2	<p>Welcome to Physical Education 2! Each week, the student will learn a new game or activity. There will be games and activities that may be played inside, while others will be better suited for outdoor play. The games and activities in this course are grouped in thematic units. In each lesson, the student will find a brief description of that week's game. Each week a new game will be added, but the previous lessons' games will still be listed for the student to see. In addition to the activities described in the lessons, students will also have the option of participating in yoga or an individual or team sport.</p>
Physical Education K	<p>In this course, physical education encourages students to develop their fine motor skills, movement, and confidence to enjoy healthy physical activity regularly. A combination of interactive and hands-on activities teaches students essential skills. Students learn how to respect themselves and others while playing.</p> <p>Select the link below to view the Number of Minutes of Physical Activity by State.</p> <p>Number of Minutes of Physical Activity by State</p>
Science K A	<p>In this course, the student will explore the nature of science and how to solve problems, as well as investigate living and nonliving things. The student will learn how to study the surrounding world by observing, collaborating, and sharing with others. Using illustrations and labels, the student will identify the steps used to solve problems and use these steps to plan, design, and test a solution to a problem. Finally, the student will examine, describe, compare, and analyze the characteristics of living and nonliving things in order to complete portfolio assessments.</p>
Science K B	<p>In this course, the student will explore life, Earth, and physical science. The student will learn how to investigate using critical thinking skills. The student will answer questions about the Earth and the sky. In the final chapter, physical science, the student will utilize inquiry methods to explore objects, matter, and mixtures. Throughout this course, the student will enhance skills in language arts, mathematics, and computer literacy. In portfolio assessments, students may choose to chart weather observations over a period of time; observe and collect data on how plants and animals depend on the land, air and water; or observe and compare solids and liquids at room temperature.</p>
Social Studies 1 A	<p>In Social Studies I A, the student will focus on how people in communities work together for the benefit of all. In this course, the student will learn about the various ways individuals contribute to their communities. This course emphasizes good citizenship, economics, and geography skills. The course text is Pearson's myWorld Social Studies: Making Our Way workbook. The student will build reading, listening, critical thinking, and problem-solving skills through the course activities. To learn more about communities, the student will explore maps, photographs, illustrations, music, and other resources. Multimedia resources, including videos and interactive websites, enhance and support the content.</p> <p>Objectives derived from Pearson Education programs (c) Pearson Education, Inc., or its affiliates. All rights reserved.</p>
Social Studies 1 B	<p>In Social Studies 1 B, the student will focus on how people in communities work together for the benefit of all. In this course, the student will learn about the various ways individuals contribute to their communities. The concept of good citizenship is woven throughout the course as the student learns about caring for the earth's environment. The student will continue working on geography skills and explore different cultures and traditions. The course ends with a study of time and the changes in life throughout history. The student will build reading, listening, critical thinking, and problem-solving skills through the course activities. The course text is Pearson's myWorld Social Studies: Making Our Way workbook. To learn more about communities, the student will explore maps, photographs, illustrations, music, and other resources. Multimedia resources, including videos and interactive websites, enhance and support the content.</p> <p>Objectives derived from Pearson Education programs (c) Pearson Education, Inc., or its affiliates. All rights reserved.</p>

Social Studies 2 A	<p>In Social Studies 2 A, the student continues to be introduced to basic concepts of citizenship, economics, and geography. In this course, the practice of geography, reading, critical thinking, and problem-solving skills accompanies structured instruction and activities. The student will learn about ordinary individuals who showed good citizenship. Through Learning Coach-led discussions, textbook readings, interactive activities, and hands-on projects, the student will continue to explore the world through the lens of social studies. The course text is Pearson's myWorld Social Studies: We Do Our Part workbook. The student will explore maps, photographs, illustrations, music, and other resources. Multimedia resources, including videos and interactive websites, enhance and support the content.</p> <p>Objectives derived from Pearson Education programs (c) Pearson Education, Inc., or its affiliates. All rights reserved.</p>
Social Studies 2 B	<p>In Social Studies 2 B, the student continues to be introduced to basic concepts in world cultures, American history, and government. In this course, the practice of geography, reading, critical thinking, and problem-solving skills accompanies structured instruction and activities. The student will learn about famous people who have influenced the United States and the world. Through Learning Coach-led discussions, textbook readings, interactive activities, and hands-on projects, the student will continue to explore the world through the lens of social studies. The course text is Pearson's myWorld Social Studies: We Do Our Part workbook. The student will explore maps, photographs, illustrations, music, and other resources. Multimedia resources, including videos and interactive websites, enhance and support the content.</p> <p>Objectives derived from Pearson Education programs (c) Pearson Education, Inc., or its affiliates. All rights reserved.</p>
Social Studies K A	<p>Students learn the concepts of community, nation, and world in this course. They answer essential questions including: "How do people get what they need?"; "How is culture shared?"; and "How does life change throughout history?" A combination of interactive and hands-on exercises teaches students about personal responsibility, good citizenship, and basic geography. While learning about America's past and important historical figures, students research their personal history and heroes.</p>
Social Studies K B	<p>Students learn the concepts of community, nation, and world in this course. They answer essential questions including: "How do people get what they need?"; "How is culture shared?"; and "How does life change throughout history?" A combination of interactive and hands-on exercises teaches students about personal responsibility, good citizenship, and basic geography. While learning about America's past and important historical figures, students research their personal history and heroes.</p>
Sign Language K-5	<p>In this course, the student will be introduced to the fundamental concepts of American Sign Language. The student will explore vocabulary, numbers, grammar, and conversational skills using basic signing and fingerspelling techniques.</p>
Home Life	<p>In this course, the student will choose from a selection of project-based activities designed to develop skills for daily living. Topics will include a variety of activities appropriate for all grade levels. Each project will include a portfolio assignment.</p> <p>Home Life has been designed to allow families with multiple students to work together on a series of home-based projects. These include cooking, crafts, sewing, home maintenance, family outings, and genealogy.</p> <p>Each project will be comprised of approximately four to six two-hour sessions that may be completed on a weekly basis or chunked together in a weekend or two. To receive credit, students must complete five, choosing the activities that best suit their family situation and interests.</p> <p>This course will be graded by completion. Students must choose and complete at least five projects from a variety of topics to receive credit for this course. Students can submit more than five projects but they are only required to submit five. Projects will be submitted through the portfolio Drop Box at the end of the course. These projects are meant to be enjoyable activities that provide an opportunity for hands-on learning and valuable family time!</p>

Art 3	This course focuses on arts and crafts inspired by the four seasons. The student will examine and create artwork based on seasonal characteristics or common cultural trends. The student will be exposed to art history, art criticism, and art production activities with a multicultural focus. Creative freedom is experienced as the student uses his imagination and several types of media and processes. These processes include drawing, painting, printmaking, sculpture, bookmaking, and techniques for creating crafts and fiber arts.
Art 4	This course focuses on arts and crafts inspired by the four seasons. The student will examine and create artwork based on seasonal characteristics or common cultural trends. The student will be exposed to art history, art criticism, and art production activities with a multicultural focus. Creative freedom is experienced as the student uses his imagination and several types of media and processes. These processes include drawing, painting, printmaking, sculpture, bookmaking, and techniques for creating crafts and fiber arts.
Art 5	In this course, the student will be introduced to works of art through time. Throughout history the growth and development of civilizations around the world have been recorded and defined through the works of artists. The student will become familiar with the art elements, the principles of design, and how these elements and principles were applied to create visual art in different time periods and cultures.
Computer Science 5 A	In this course, students learn features and functions of both internal and external computer technology. Students will troubleshoot to solve simple hardware and software problems using common strategies. Organizing arguments, using data to predict outcomes, identifying cause-and-effect relationships, and using diverse perspectives to support claims are also skills that students will practice in this course. Students will learn the how to use computer technology to provide a safe and inclusive environment for all learners including accessibility, usability, and the impacts technology has on cultural practices. Students will then incorporate previous knowledge of technology to study cybersecurity and learn to use technology safely to protect personal information. Reviews of intellectual property, public domain, and creative commons media will give students the opportunity to include existing programs into their own work to develop something new or more advanced. This will culminate in students examining and creating sequences that use simple block-based programming in Minecraft Education edition. Students will use Minecraft Education to build sequences that demonstrate events, loops, conditionals, and variables that are used to store data. Lastly, students will be testing and debugging these sequences to practice their skills of identifying cause-and-effect relationships and creative problem solving.
Computer Science 5 B	In this course, students will incorporate previous knowledge of technology to study cybersecurity and will learn to use technology safely to protect personal information. Reviews of intellectual property, public domain, and creative commons media will give students the opportunity to include existing programs into their own work to develop something new or more advanced. This will culminate in students examining and creating sequences that use simple block-based programming in Minecraft Education edition. Students will use Minecraft Education to build sequences that demonstrate events, loops, conditionals, and variables that are used to store data. Lastly, students will be testing and debugging these sequences to practice their skills of identifying cause-and-effect relationships and creative problem solving.
Discovering Music I	Designed for students in grades 3–5, this course teaches fundamental musicianship skills from a Western-Classical approach, while aligning to the National Core Arts Standards. The course challenges the student to improve listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, this course provides a unique and advanced learning experience.
Discovering Music II	Designed for students in grades 3–5, this course builds on fundamental musicianship skills introduced in Discovering Music I. Aligning to the National Core Arts Standards, the course teaches the student to explore new concepts in rhythm and notation, as well as improve listening, notation, analysis, performance, and improvisation skills. The student will use a basic understanding of the orchestra to explore instrumentation and orchestration in more depth, and analyze compositional style from a range of periods. With audio, visual, and interactive technologies, this course provides a unique and advanced learning experience. Discovering Music I is a prerequisite for this course.

Discovering Music III	<p>Designed for students in grades 3–5, this course enhances the student's knowledge of musical cultures as he or she discovers a musical identity. Aligning to the National Core Arts Standards, this course provides the student with engaging opportunities to combine musical knowledge with an exploration of different art forms to create new personal works. The student will apply foundational knowledge of music to a variety of musical styles and cultures. With audio, visual, and interactive technologies, this course provides a unique and advanced learning experience. Discovering Music I and Discovering Music II are prerequisites for this course.</p>
Educational Technology and Online Learning 3	<p>In this course, students use appropriate technology tools and resources to complete projects, manage information, and solve problems. Students use software to write, organize, analyze, and present information and data. Students learn listening and organizational skills and set attainable learning goals. Students become responsible users of technology as they learn about Internet safety and appropriate online behavior.</p>
Educational Technology and Online Learning 4	<p>In this course, students use appropriate technology tools and resources to complete projects, manage information, and solve problems. Students use software to write, organize, analyze, and present information and data. Students learn listening and organizational skills and set attainable learning goals. Students become responsible users of technology as they learn about internet safety, appropriate online behavior, and effective search and website evaluation strategies.</p>
Educational Technology and Online Learning 5	<p>In this course, students use appropriate technology tools and resources to complete projects, manage information, and solve problems. Students use software to write, organize, analyze, and present information and data. Students learn listening and organizational skills and set attainable learning goals. Students become responsible communicators and users of technology as they learn about intellectual property, Internet safety, and effective search and evaluation strategies.</p>
Elementary Chinese I	<p>Chinese I is an introductory-level course that will introduce the student to Mandarin Chinese. The units are designed to introduce the student to Chinese language and culture through familiar topics such as my family, my week, and food. Culture is presented throughout the course to help the student make connections between his culture and the culture of people in the Mandarin-speaking world.</p> <p>Please Note: The World Languages courses require a headset and microphone which is compatible with the computer being used for the course. This equipment is not provided by Pearson Virtual Schools.</p>
Elementary Chinese II	<p>In this course, the student will further develop communication skills in Mandarin Chinese at a more advanced level. The student will continue to learn about Chinese culture by exploring historic places in China and other Mandarin-speaking countries, and by learning about holidays and special traditions celebrated there. In addition, the student will practice Mandarin Chinese skills by continuing to converse with a native Mandarin speaker.</p> <p>Please Note: The World Languages courses require a headset and microphone which is compatible with the computer being used for the course. This equipment is not provided by Pearson Virtual Schools.</p>
Elementary Spanish I	<p>Elementary Spanish I is an introductory-level course that will introduce the student to Spanish. The units are designed to introduce the student to Spanish language and culture through familiar topics such as family and friends, my home, and food. Culture is presented throughout the course to help the student make connections between his culture and the culture of people in the Spanish-speaking world.</p> <p>Please Note: The World Languages courses require a headset and microphone which is compatible with the computer being used for the course. This equipment is not provided by Pearson Virtual Schools.</p>

Essential Math 3 A

In Essential Math 3 A, the student will learn mathematical concepts related to multiplication and division, patterns, rounding, and mental math. Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.

In this course, the needs of the essential student are addressed in various ways, while still maintaining the integrity of the content. Special attention is paid to the reading level of the student-facing content to ensure comprehension. Each lesson includes a connection to prior knowledge and concrete examples to help your student relate to the new material. Hands-On Activities are included in every lesson and are customized for the essential learner. Practice, reinforcement, and error correction are encouraged throughout the course as your student works with small sets of problems at a time. Taken as a whole, these modifications give your student access to all grade-level content in a way that is conducive to your student's learning style.

Essential Math 3 B

In Essential Math 3 B, the student will learn mathematical concepts related to 2-D shapes, area, perimeter, fractions, interpreting data, time, mass, and capacity. Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.

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Essential Math 4 A

In Math 4 A, the student will learn mathematical concepts related to place value, adding and subtracting multi-digit whole numbers, strategies for multiplication and division, factors, multiples, algebra, and patterns. Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.

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Essential Math 4 B

In Essential Math 4 B, the student will learn mathematical concepts related to fraction equivalence, adding, subtracting, and multiplying fractions, comparing decimals, interpreting data, angles, lines, shapes, and measurement. Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.

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Essential Math 5 A

In Essential Math 5 A, the student will learn mathematical concepts related to place value, adding and subtracting decimals, using models to multiply and divide, the coordinate plane, algebra, patterns, and relationships. Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.

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Essential Math 5 B

In Essential Math 5 B, the student will learn mathematical concepts related to 2-D figures, operations with fractions, volume, converting measurements, interpreting data, and equivalent expressions. Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.

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Gifted and Talented Language
Arts 3 A

In this course, the student will learn, practice, and apply the skills and strategies intrinsic to becoming a stronger, more fluent reader and writer. The course presents reading, writing, and language instruction in close alignment with the Common Core State Standards (CCSS). Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways to test and apply their ideas. In daily core reading instruction, the student will have the opportunity to read texts in a variety of literary and nonfiction genres. Instruction is presented in two modes: Peer Model, in which the student will view a video of a peer learning how to use and apply the target skill, and 21st Century, in which the student will gain proficiency in the skills, knowledge, and expertise they must master to succeed in work and life. Throughout the core reading block, engaging and thought-provoking activities allow the student to master a variety of related disciplines, including fluency, vocabulary, and speaking and listening. The course also provides the student with a thorough understanding of the writing process, from planning to drafting to revision, editing, and publishing, and includes instruction in developing a personal narrative and an explanatory text. The focus on reading and writing is supplemented with instruction in grammar, phonics, spelling, handwriting, and reading foundations—skill areas vital to the student's overall development as a reader, writer, and communicator.

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Gifted and Talented Literature
Study 3

The Junior Great Books(r) program involves a student in reading engaging literature and participating in rich discussion. The literature included in the Junior Great Books program is chosen to spark a high level of thinking and expose the student to rich language and vocabulary. The teacher and Learning Coach use the Shared Inquiry(tm) method to help a student acquire the qualities and strategies of effective readers and thinkers. The student learns to read actively, noticing thoughts and questions that come to mind during the act of reading. They will also learn to use the text, their own experiences, prior knowledge, and critical and creative thinking to participate in discussions about the text. These discussions help the student answer their own questions, satisfy their curiosity, and think more deeply about the content and process of his reading.

The student reads and rereads each Junior Great Books selection. Through modeling and direct instruction, they learn to note questions and reactions to text information during these readings. These questions and reactions form the foundation for the Shared Inquiry discussion. The student also chooses writing projects as another way to understand and extend what they have read.

Gifted and Talented Literature Study 4

The Junior Great Books(r) program involves a student in reading engaging literature and participating in rich discussion. The literature included in the Junior Great Books program is chosen to spark a high level of thinking and expose the student to rich language and vocabulary. The teacher and Learning Coach use the Shared Inquiry(tm) method to help a student acquire the qualities and strategies of effective readers and thinkers. The student learns to read actively, noticing thoughts and questions that come to mind during the act of reading. They will also learn to use the text, their own experiences, prior knowledge, and critical and creative thinking to participate in discussions about the text. These discussions help the student answer their own questions, satisfy their curiosity, and think more deeply about the content and process of his reading.

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Gifted and Talented Literature Study 5

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The student reads and rereads each Junior Great Books selection. Through modeling and direct instruction, they learn to note questions and reactions to text information during these readings. These questions and reactions form the foundation for the Shared Inquiry discussion. The student also chooses writing projects as another way to understand and extend what they have read.

Gifted and Talented Math 3 A

In Gifted and Talented Math 3 A, the student will learn mathematical concepts related to multiplication and division, patterns, rounding, mental math, and representing and interpreting data on line plots.

Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.

Gifted and Talented Math 3 B

In Gifted and Talented Math 3 B, the student will learn mathematical concepts related to

fraction equivalence, adding, subtracting, and multiplying fractions, comparing decimals, using whole numbers to solve problems, area, and perimeter.

Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.

Gifted and Talented Math 4 A

In Gifted and Talented Math 4 A, the student will learn mathematical concepts related to place value, adding and subtracting multi-digit whole numbers, adding and subtracting decimals, using models to multiply and divide, the coordinate plane, algebra, patterns and relationships.

Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.

- Gifted and Talented Math 4 B In Gifted and Talented Math 4 B, the student will learn mathematical concepts related to angles, shapes and measurement, 2D figures, operations with fractions, volume, converting measurements, interpreting data, equivalent expressions, the coordinate plane, patterns and relationships.
- Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.
- Gifted and Talented Math 5 A In this course, the student will use the four operations with decimals, fractions, and integers to solve equations and inequalities. The student will simplify expressions with exponents and rational numbers. In the study of number theory, the student will further strengthen his skills as he solves problems involving factors and multiples by using divisibility tests and prime factorization. The student will apply ratios, rates, proportions, and scale drawings to solve various problems and then solve percent problems, including percent of change and commission.
- Gifted and Talented Math 5 B In this course, the student will explore concepts in geometry including identifying and describing the properties of geometric figures, as well as the relationships that exist between them. The student will find perimeter, area, and volume of two-dimensional figures and extend measurement skills to determine surface area and volume of three-dimensional figures. Next, the student will use tables, graphs, formulas, and functions to identify and extend number patterns. The student will graph linear and nonlinear relationships, identify slope, and explore translations. In the study of statistics, the student will create, analyze, and interpret different data displays. At the end of the course, the student will study probability and explore dependent events, compound events, and combinations.
- Gifted and Talented Science 3 A In this course, the student will explore forces and motion, magnets, and several topics related to life science. These topics include plant and animal life cycles, heredity, and animal groups. The student will have many opportunities to test hypotheses, experiment, and make real world connections.
- Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways to test and apply their ideas.
- Gifted and Talented Science 3 B In this course, the student will explore variation and change, such as the characteristics of living versus non-living organisms and environmental change, and life science topics. These include include habitats, fossils, and weather and climate. The student will have many opportunities to test hypotheses, experiment, and make real world connections.
- Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways to test and apply their ideas.
- Gifted and Talented Science 4 A In this course, the student will explore multiple concepts related to energy and the structures of plants and animals. Topics include the transfer and forms of energy such as mechanical energy, speed, sound, light, heat, and electric currents. In addition, the student will study the internal structures of plants and animals. These comprise systems of reproduction and adaptation.
- Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways and apply their ideas.

Gifted and Talented Science 4 B In this course, the student will study the brain in animals and explore multiple areas of earth science. This includes the senses, how the brain processes information, weathering and erosion, Earth's layers and features, natural disasters, and their impact on life. The student will examine natural energy resources including resource conservation and the environment.

Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways and apply their ideas.

Gifted and Talented Science 5 A This course is designed to give the student a strong basis for understanding the world. The course consists of a varied curriculum that provides the student the opportunity to explore, compare, research, reflect, and make real-world connections. The curriculum engages students in problem-solving and scientific investigation and provides opportunities for both hands-on exploration and virtual simulation.

During this course, the student will learn about the solar system; Earth, sun, and stars; gravity; the properties of matter; and more. Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways and apply their ideas.

Gifted and Talented Science 5 B This course is designed to give the student a strong basis for understanding the world. The course consists of a varied curriculum that provides the student the opportunity to explore, compare, research, reflect, and make real-world connections. The curriculum engages students in problem-solving and scientific investigation and provides opportunities for both hands-on exploration and virtual simulation.

During this course, the student will learn about physical and chemical changes in matter, the ecosystem, plant growth and photosynthesis, food webs, conservation, among other things. Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways and apply their ideas.

Language Arts 3 A

In this course, the student will learn, practice, and apply the skills and strategies intrinsic to becoming a stronger, more fluent reader and writer. The course presents reading, writing, and language instruction in close alignment with the Common Core State Standards (CCSS). In daily core reading instruction, the student will have the opportunity to read texts in a variety of literary and nonfiction genres. Instruction is then presented in two modes: Peer Model, in which the student will view a video of a peer learning how to use and apply the target skill, and 21st Century, in which the student will gain proficiency in the skills, knowledge, and expertise they must master to succeed in work and life. Throughout the core reading block, engaging and thought-provoking activities allow the student to master a variety of related disciplines, including fluency, vocabulary, and speaking and listening. The course also provides the student with a thorough understanding of the writing process, from planning to drafting to revision, editing, and publishing, and includes instruction in developing a personal narrative and an explanatory text. The focus on reading and writing is supplemented with instruction in grammar, phonics, spelling, handwriting, and reading foundations—skill areas vital to the student's overall development as a reader, writer, and communicator.

Language Arts 3 B

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Language Arts 4 A

In this course, the student will learn, practice, and apply the skills and strategies intrinsic to becoming a stronger, more fluent reader and writer. The course presents reading, writing, and language instruction in close alignment with the Common Core State Standards (CCSS). Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways to test and apply their ideas. In daily core reading instruction, the student will have the opportunity to read texts in a variety of literary and nonfiction genres. Instruction is presented in two modes: Peer Model, in which the student will view a video of a peer learning how to use and apply the target skill, and 21st Century, in which the student will gain proficiency in the skills, knowledge, and expertise they must master to succeed in work and life. Throughout the core reading block, engaging and thought-provoking activities allow the student to master a variety of related disciplines, including fluency, vocabulary, and speaking and listening. The course also provides the student with a thorough understanding of the writing process, from planning to drafting to revision, editing, and publishing, and includes instruction in developing narrative and explanatory texts. The focus on reading and writing is supplemented with instruction in grammar, spelling, and handwriting—skill areas vital to the student's overall development as a reader, writer, and communicator.

Language Arts 4 B

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Math 3 A	In Math 3 A, the student will learn mathematical concepts related to multiplication and division, patterns, rounding, and mental math. Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.
Math 3 B	In Math 3 B, the student will learn mathematical concepts related to 2-D shapes, area, perimeter, fractions, interpreting data, time, mass, and capacity. Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.
Math 4 A	In Math 4 A, the student will learn mathematical concepts related to place value, adding and subtracting multi-digit whole numbers, strategies for multiplication and division, factors, multiples, algebra, and patterns. Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.
Math 4 B	In Math 4 B, the student will learn mathematical concepts related to fraction equivalence, adding, subtracting, and multiplying fractions, comparing decimals, interpreting data, angles, lines, shapes, and measurement. Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.
Math 5 A	In Math 5 A, the student will learn mathematical concepts related to place value, adding and subtracting decimals, using models to multiply and divide, the coordinate plane, algebra, patterns, and relationships. Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.
Math 5 B	In Math 5 B, the student will learn mathematical concepts related to 2-D figures, operations with fractions, volume, converting measurements, interpreting data, and equivalent expressions. Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.
Physical Education 3	Our third grade students are expected to understand and demonstrate clearly-defined combinations of movements. Each week the student will learn one or more new activities. In addition, the student will learn the importance of nutrition as it relates to health and physical fitness. The student will learn life skills throughout the curriculum. In each lesson, the student will find a brief description of that week's activity. Each week a new activity will be added, but the previous activities can always be reviewed.
Physical Education 4	At the fourth grade level, student's hand-eye coordination has improved, allowing for advanced instruction in individual and partner activities. Fourth grade students are able to understand rules and the importance of following them. The development of a healthy lifestyle requires that the student acquire knowledge to make positive decisions about exercise, and nutrition. The student's participation and progress will be monitored through the Physical Activity Log and periodic performance tests. The President's Council on Physical Fitness and Sports Tests will be part of his/her curriculum. Depending on the program chosen, the student will have the opportunity to record his results on a periodic basis, and receive the appropriate award depending on the performance level.

Physical Education 5	<p>At the fifth grade level students understand the concept of fair play and begin to recognize the varying fitness levels within the appropriate age standards. Playing by the rules and respecting self and others are emphasized as students participate in cooperative physical education activities. Students see how levels of physical activity and food intake are related to a healthy productive life-style.</p> <p>The President's Council on Physical Fitness and Sports Tests will be part of his/her curriculum. Depending on the program chosen, the student will have the opportunity to record his results on a periodic basis, and receive the appropriate award depending on the performance level.</p>
Science 3 A	<p>In this course, the student will explore forces and motion, magnets, and several topics related to life science. These topics include plant and animal life cycles, heredity, and animal groups. The student will have many opportunities to test hypotheses, experiment, and make real world connections.</p>
Science 3 B	<p>In this course, the student will explore variation and change, such as the characteristics of living versus non-living organisms and environmental change, and life science topics. These include include habitats, fossils, and weather and climate. The student will have many opportunities to test hypotheses, experiment, and make real world connections.</p>
Science 4 A	<p>In this course, the student will explore multiple concepts related to energy and the structures of plants and animals. Topics include the transfer and forms of energy such as mechanical energy, speed, sound, light, heat, and electric currents. In addition, the student will study the internal structures of plants and animals. These comprise systems of reproduction and adaptation.</p> <p>Throughout the course, the student will have many opportunities to plan, test hypotheses, experiment, organize and analyze data, and make real world connections.</p>
Science 4 B	<p>In this course, the student will study the brain in animals and explore multiple areas of earth science. This includes the senses, how the brain processes information, weathering and erosion, Earth's layers and features, natural disasters, and their impact on life. Students will examine natural energy resources including resource conservation and the environment. Throughout the course, the student will have many opportunities to plan, test hypotheses, experiment, organize and analyze data, and make real world connections.</p>
Science 5 A	<p>This course is designed to give the student a strong basis for understanding the world. The course consists of a varied curriculum that provides the student the opportunity to explore, compare, research, reflect, and make real-world connections. The curriculum engages students in problem-solving and scientific investigation and provides opportunities for both hands-on exploration and virtual simulation.</p> <p>During this course, the student will learn about the solar system; Earth, sun, and stars; gravity; the properties of matter; and more.</p>
Science 5 B	<p>This course is designed to give the student a strong basis for understanding the world. The course consists of a varied curriculum that provides the student the opportunity to explore, compare, research, reflect, and make real-world connections. The curriculum, which meets Next Generation Science Standards (NGSS), engages students in problem-solving and scientific investigation and provides opportunities for both hands-on exploration and virtual simulation.</p> <p>During this course, the student will learn about physical and chemical changes in matter, the ecosystem, plant growth and photosynthesis, food webs, conservation, among other things.</p>
Social Studies 4 A	<p>In this course, the student will explore several historical and geographical themes focused on the United States. Topics include American government, geography, history, citizenship, and economics. The student will also build upon their understanding of the first inhabitants and explorers of the United States, as well as its beginnings as a new nation.</p>

Social Studies 4 B	In this course, the student will examine several aspects of all five geographic regions of the United States. These include the northeast, southeast, midwest, southwest, and west. The student will also delve into topics specific to their particular state.
Social Studies 5 A	In this course, the student will trace United States history from the early exploration and settlement period to the War of 1812. Topics include Spanish, English, and French settlement and the American Revolution. The student will also explore the transition from the Articles of Confederation to the Constitution.
Social Studies 5 B	In this course, the student will trace United States history from the era of westward expansion to the twenty-first century. Topics include the Civil War, the Depression, World Wars I and II, and the American civil rights era. The student will also examine a chosen topic and complete an American Research Report.
Math 8 (Pre-Algebra) A	In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into strong mathematical thinkers. Daily instruction supports student learning of core math concepts and development of procedural fluency regarding the number system; exponent rules; scientific notation; roots and irrational numbers; triangles, cones, cylinders, spheres, right rectangular prisms and pyramids; transformations and congruence; transformations and similarity; solving and graphing linear equations; systems of linear equations; scatter plots and data analysis; and functions. Students are encouraged to use visual representation of their thinking to bridge their understanding between the concrete and abstract, allowing patterns and mathematical principles to come to life. Peer Model videos throughout provide illustrations of a peer learning how to use and apply the target mathematical skill using a real-world example. 21st Century instruction further illustrates the connection of mathematical concepts to the real world while supporting students' development of skills, knowledge, and expertise they must master to succeed in work and life. Mathematical discussion prompts encourage students to revise misunderstanding, uncover nuances in application, make connections to prior knowledge, identify patterns, and engage with vocabulary. Students are encouraged to listen critically, critique the reasoning of others, and justify their own solutions. The courses are designed to support a growth mindset regarding math and encourage students to engage in productive struggle; instructional materials explicitly and frequently remind students that mistakes are opportunities for learning and acquiring new skills. Together the course elements ensure the student grows as a mathematical thinker and masters the skills to succeed in work and life.
Math 8 (Pre-Algebra) B	In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into strong mathematical thinkers. Daily instruction supports student learning of core math concepts and development of procedural fluency regarding transformations and congruence; transformations and similarity; solving and graphing linear equations; systems of linear equations; scatter plots and data analysis; and functions. Students are encouraged to use visual representation of their thinking to bridge their understanding between the concrete and abstract, allowing patterns and mathematical principles to come to life. Peer Model videos throughout provide illustrations of a peer learning how to use and apply the target mathematical skill using a real-world example. 21st Century instruction further illustrates the connection of mathematical concepts to the real world while supporting students' development of skills, knowledge, and expertise they must master to succeed in work and life. Mathematical discussion prompts encourage students to revise misunderstanding, uncover nuances in application, make connections to prior knowledge, identify patterns, and engage with vocabulary. Students are encouraged to listen critically, critique the reasoning of others, and justify their own solutions. The course is designed to support a growth mindset regarding math and encourages students to engage in productive struggle; instructional materials explicitly and frequently remind students that mistakes are opportunities for learning and acquiring new skills. Together the course elements ensure the student grows as a mathematical thinker and masters the skills to succeed in work and life.
Art 6 A	<p>The middle school art program is organized around the three artistic processes of creating, presenting, and responding. In addition, the program emphasizes how art and design can drive innovation in the same way science, technology, engineering, and mathematics do. Throughout the courses, students use various media and techniques to construct projects, collaborate with peers, and critique their own work as well as the work of other artists.</p> <p>In Semester A, students explore the wide range and variety of visual arts. They learn the basic elements of art and principles of design and apply them in their own creative ways. The semester culminates in a study of factors involved in evaluating and critiquing art.</p>

Art 6 B	<p>The middle school art program is organized around the three artistic processes of creating, presenting, and responding. In addition, the program emphasizes how art and design can drive innovation in the same way science, technology, engineering, and mathematics do. Throughout the courses, students use various media and techniques to construct projects, collaborate with peers, and critique their own work as well as the work of other artists.</p> <p>In Semester B, students consider the preservation and protection of art. They then explore how international, national, and local art influences ideas, actions, cultures, and environments. Using this information, students build their own ideas of the role art plays in their lives.</p>
Art 7 A	<p>The middle school art program is organized around the three artistic processes of creating, presenting, and responding. In addition, the program emphasizes how art and design can drive innovation in the same way science, technology, engineering, and mathematics do. Throughout the courses, students use various media and techniques to construct projects, collaborate with peers, and critique their own work as well as the work of other artists.</p> <p>In Semester A, students explore the wide range and variety of visual arts. They learn the basic elements of art and principles of design and apply them in their own creative ways. The semester culminates in a study of factors involved in evaluating and critiquing art.</p>
Art 7 B	<p>The middle school art program is organized around the three artistic processes of creating, presenting, and responding. In addition, the program emphasizes how art and design can drive innovation in the same way science, technology, engineering, and mathematics do. Throughout the courses, students use various media and techniques to construct projects, collaborate with peers, and critique their own work as well as the work of other artists.</p> <p>In Semester B, students consider the preservation and protection of art. They then explore how international, national, and local art influences ideas, actions, cultures, and environments. Using this information, students build their own ideas of the role art plays in their lives.</p>
Art 8 A	<p>The middle school art program is organized around the three artistic processes of creating, presenting, and responding. In addition, the program emphasizes how art and design can drive innovation in the same way science, technology, engineering, and mathematics do. Throughout the courses, students use various media and techniques to construct projects, collaborate with peers, and critique their own work as well as the work of other artists.</p> <p>In Semester A, students explore the wide range and variety of visual arts. They learn the basic elements of art and principles of design and apply them in their own creative ways. The semester culminates in a study of factors involved in evaluating and critiquing art.</p>
Art 8 B	<p>The middle school art program is organized around the three artistic processes of creating, presenting, and responding. In addition, the program emphasizes how art and design can drive innovation in the same way science, technology, engineering, and mathematics do. Throughout the courses, students use various media and techniques to construct projects, collaborate with peers, and critique their own work as well as the work of other artists.</p> <p>In Semester B, students consider the preservation and protection of art. They then explore how international, national, and local art influences ideas, actions, cultures, and environments. Using this information, students build their own ideas of the role art plays in their lives.</p>
Educational Technology and Online Learning 6	<p>Students progress to more sophisticated work in this course, including the use of electronic media and software to apply academic concepts in the creation of meaningful organizers, projects and presentations. Students locate, retrieve and evaluate data in order to construct and analyze databases. Students produce presentations on Internet safety, online predators, and cyberbullying. At the end of the course, students become effective communicators and collaborators as they plan, evaluate and synthesize research emphasizing current issues with technology.</p>

Educational Technology and Online Learning 7	Students progress to more sophisticated work in this course, including the use of electronic media and software to apply academic concepts in the creation of meaningful organizers, projects, and presentations. Students locate, retrieve, and evaluate data to construct and analyze databases. Students produce presentations on Internet safety, online predators, and cyber bullying. At the end of the course, students become effective communicators and collaborators as they plan, evaluate, and synthesize research emphasizing current issues with technology.
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Exploring Music I	Designed for students in grades 6–8, this course teaches fundamental musicianship skills approached from a Western-Classical style, while aligning to National Core Arts Standards. The course challenges the student to improve listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, the course provides a unique and advanced learning experience for the student.
Exploring Music II	Designed for students in grades 6–8, this course reviews and expands fundamental musicianship skills approached from a Western-Classical style, while aligning to the National Core Arts Standards. The student will review and expand basic skills and concepts of rhythm and notation that were introduced in Exploring Music I. The student will use classic repertoire to analyze compositional style and improve listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, the course provides a unique and advanced learning experience. Exploring Music I is a prerequisite for this course.
Gifted and Talented Language Arts 6 A	<p>In this course, students will sharpen and strengthen their skills in reading, writing, listening, and speaking. The student is exposed to a wide variety of writing styles to create a sense of curiosity and excitement.</p> <p>During this course, the student will learn to make connections between readings, podcasts, radio clips, videos, and the world. The student will also expand an academic vocabulary and build confidence through independent reading, peer model videos, and practice opportunities. The student will write expository and creative compositions and employ test-taking strategies that are effective for different types of learners.</p> <p>Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways to test and apply their ideas.</p>
Gifted and Talented Language Arts 6 B	<p>In this course, students will sharpen and strengthen their skills in reading, writing, listening, and speaking. The student is exposed to a wide variety of writing styles to create a sense of curiosity and excitement.</p> <p>During this course, the student will learn how to identify credible sources as well as compose argumentative and narrative essays using formal writing techniques. Students will also compare different types of media used to tell stories. These methods include textual, audio, and visual media types.</p>
Gifted and Talented Language Arts 7 A	<p>In this course, the student will focus on reading, writing, and analyzing informational and narrative texts, as well as developing their vocabulary and grammatical knowledge. The student will read poetry by Lewis Carroll and Daniel Beatty, short stories, and informational texts on Rosa Parks and Army Code.</p> <p>Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways to test and apply their ideas.</p>

Gifted and Talented Language Arts 7 B	In this course, the student will focus on reading, writing, and analyzing informational and narrative texts, as well as developing their vocabulary and grammatical knowledge. The student will read classics including Great Expectations and Peter Pan, as well as non-fiction historical texts. Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways to test and apply their ideas.
Gifted and Talented Language Arts 8 A	In this course, the student studies and analyzes examples of explanatory, informational, and argumentative texts. Throughout the course curiosity, interpretation, and reflection are encouraged as the student practices reading comprehension through analogy and allusion in works by O.Henry and Roald Dahl. The student will learn to make connections between reading and the world around them as they read interesting texts about Female WWII Pilots and the Invention of the Popsicle. Their academic vocabulary and communication skills will be expanded through the exploration of word choice and meaning. This course presents strategies to strengthen writing skills through grammar, punctuation, and sentence and paragraph structure. The student will refine, reinforce and apply these skills through their own explanatory and persuasive compositions. Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways to test and apply their ideas.
Gifted and Talented Language Arts 8 B	In this course, the student is exposed to a wide variety of writing styles that create a sense of curiosity and excitement. Throughout the course the student will explore and analyze several literary genres. They will read narrative works about the building of Manhattan and the evolution of the grocery bag and be enthralled by the suspense, and humor of Victor Hugo through the Hunchback of Notre Dame. The student will also explore character development and dramatic irony as they participate in fictional novel study. Then, they will sharpen their writing skills as they create their own narrative story. Additionally, this course provides the opportunity for the student to exercise curiosity and inquiry skills through short and long-term research as they conduct and present observations and conclusions from their own research project. Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways to test and apply their ideas.
Gifted and Talented Literature Study 6	<p>The Junior Great Books(r) program involves a student in reading engaging literature and participating in rich discussion. The literature included in the Junior Great Books program is chosen to spark a high level of thinking and expose the student to rich language and vocabulary. The teacher and Learning Coach use the Shared Inquiry(tm) method to help a student acquire the qualities and strategies of effective readers and thinkers. The student learns to read actively, noticing thoughts and questions that come to mind during the act of reading. They will also learn to use the text, their own experiences, prior knowledge, and critical and creative thinking to participate in discussions about the text. These discussions help the student answer their own questions, satisfy their curiosity, and think more deeply about the content and process of his reading.</p> <p>The student reads and rereads each Junior Great Books selection. Through modeling and direct instruction, they learn to note questions and reactions to text information during these readings. These questions and reactions form the foundation for the Shared Inquiry discussion. The student also chooses writing projects as another way to understand and extend what they have read.</p>

Gifted and Talented Literature
Study 7

The Junior Great Books(r) program involves a student in reading engaging literature and participating in rich discussion. The literature included in the Junior Great Books program is chosen to spark a high level of thinking and expose the student to rich language and vocabulary. The teacher and Learning Coach use the Shared Inquiry(tm) method to help a student acquire the qualities and strategies of effective readers and thinkers. The student learns to read actively, noticing thoughts and questions that come to mind during the act of reading. They will also learn to use the text, their own experiences, prior knowledge, and critical and creative thinking to participate in discussions about the text. These discussions help the student answer their own questions, satisfy their curiosity, and think more deeply about the content and process of his reading.

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Gifted and Talented Literature
Study 8

The Junior Great Books(r) program involves a student in reading engaging literature and participating in rich discussion. The literature included in the Junior Great Books program is chosen to spark a high level of thinking and expose the student to rich language and vocabulary. The teacher and Learning Coach use the Shared Inquiry(tm) method to help a student acquire the qualities and strategies of effective readers and thinkers. The student learns to read actively, noticing thoughts and questions that come to mind during the act of reading. They will also learn to use the text, their own experiences, prior knowledge, and critical and creative thinking to participate in discussions about the text. These discussions help the student answer their own questions, satisfy their curiosity, and think more deeply about the content and process of his reading.

The student reads and rereads each Junior Great Books selection. Through modeling and direct instruction, they learn to note questions and reactions to text information during these readings. These questions and reactions form the foundation for the Shared Inquiry discussion. The student also chooses writing projects as another way to understand and extend what they have read.

Gifted and Talented Math 6 A

In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into strong mathematical thinkers. Daily instruction supports student learning of core math concepts and development of procedural fluency regarding ordering numbers; working with whole numbers and decimals; ratios and percentages; rates and measurements; the coordinate plane; number theory and fractions; and adding and subtracting fractions. Students are encouraged to use visual representations of their thinking to bridge their understanding between the concrete and abstract, allowing patterns and mathematical principles to come to life. Peer Model videos throughout provide illustrations of a peer learning how to use and apply the target mathematical skill using a real-world example. 21st Century instruction further illustrates the connection of mathematical concepts to the real world while supporting students' development of skills, knowledge, and expertise they must master to succeed in work and life. Mathematical discussion prompts encourage students to revise misunderstanding, uncover nuances in application, make connections to prior knowledge, identify patterns, and engage with vocabulary. Students are encouraged to listen critically, critique the reasoning of others, and justify their own solutions. The course is designed to support a growth mindset regarding math and encourages students to engage in productive struggle; instructional materials explicitly and frequently remind students that mistakes are opportunities for learning and acquiring new skills. Together the course elements ensure the student grows as a mathematical thinker and masters the skills to succeed in work and life.

Gifted and Talented Math 6 B In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into strong mathematical thinkers. Daily instruction supports student learning of core math concepts and development of procedural fluency regarding multiplying and dividing fractions; expressions and equations; inequalities; area and volume; coordinate geometry and nets; and statistics. Students are encouraged to use visual representations of their thinking to bridge their understanding between the concrete and abstract, allowing patterns and mathematical principles to come to life. Peer Model videos throughout provide illustrations of a peer learning how to use and apply the target mathematical skill using a real-world example. 21st Century instruction further illustrates the connection of mathematical concepts to the real world while supporting students' development of skills, knowledge, and expertise they must master to succeed in work and life. Mathematical discussion prompts encourage students to revise misunderstanding, uncover nuances in application, make connections to prior knowledge, identify patterns, and engage with vocabulary. Students are encouraged to listen critically, critique the reasoning of others, and justify their own solutions. The course is designed to support a growth mindset regarding math and encourages students to engage in productive struggle; instructional materials explicitly and frequently remind students that mistakes are opportunities for learning and acquiring new skills. Together the course elements ensure the student grows as a mathematical thinker and masters the skills to succeed in work and life.

Gifted and Talented Math 7 A In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into strong mathematical thinkers. Daily instruction supports student learning of core math concepts and development of procedural fluency regarding adding, subtracting, multiplying and dividing rational numbers; unit rates and proportions; proportional relationships; algebraic expressions, and solving one-, two-, and multi-step equations. Students are encouraged to use visual representation of their thinking to bridge their understanding between the concrete and abstract, allowing patterns and mathematical principles to come to life. Peer Model videos throughout provide illustrations of a peer learning how to use and apply the target mathematical skill using a real-world example. 21st Century instruction further illustrates the connection of mathematical concepts to the real world while supporting students' development of skills, knowledge, and expertise they must master to succeed in work and life. Mathematical discussion prompts encourage students to revise misunderstanding, uncover nuances in application, make connections to prior knowledge, identify patterns, and engage with vocabulary. Students are encouraged to listen critically, critique the reasoning of others, and justify their own solutions. The course is designed to support a growth mindset regarding math and encourages students to engage in productive struggle; instructional materials explicitly and frequently remind students that mistakes are opportunities for learning and acquiring new skills. Together the course elements ensure the student grows as a mathematical thinker and masters the skills to succeed in work and life.

Gifted and Talented Math 7 B In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into strong mathematical thinkers. Daily instruction supports student learning of core math concepts and development of procedural fluency regarding inequalities; angle pairs; triangles; area and perimeter; surface area; volume; probability; and statistics. Students are encouraged to use visual representation of their thinking to bridge their understanding between the concrete and abstract, allowing patterns and mathematical principles to come to life. Peer Model videos throughout provide illustrations of a peer learning how to use and apply the target mathematical skill using a real-world example. 21st Century instruction further illustrates the connection of mathematical concepts to the real world while supporting students' development of skills, knowledge, and expertise they must master to succeed in work and life. Mathematical discussion prompts encourage students to revise misunderstanding, uncover nuances in application, make connections to prior knowledge, identify patterns, and engage with vocabulary. Students are encouraged to listen critically, critique the reasoning of others, and justify their own solutions. The course is designed to support a growth mindset regarding math and encourages students to engage in productive struggle; instructional materials explicitly and frequently remind students that mistakes are opportunities for learning and acquiring new skills. Together the course elements ensure the student grows as a mathematical thinker and masters the skills to succeed in work and life.

Gifted and Talented Math 8 A In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into strong mathematical thinkers. Daily instruction supports student learning of core math concepts and development of procedural fluency regarding the number system; exponent rules; scientific notation; roots and irrational numbers; triangles, cones, cylinders, spheres, and right rectangular prisms and pyramids. Students are encouraged to use visual representation of their thinking to bridge their understanding between the concrete and abstract, allowing patterns and mathematical principles to come to life. Peer Model videos throughout provide illustrations of a peer learning how to use and apply the target mathematical skill using a real-world example. 21st Century instruction further illustrates the connection of mathematical concepts to the real world while supporting students' development of skills, knowledge, and expertise they must master to succeed in work and life. Mathematical discussion prompts encourage students to revise misunderstanding, uncover nuances in application, make connections to prior knowledge, identify patterns, and engage with vocabulary. Students are encouraged to listen critically, critique the reasoning of others, and justify their own solutions. The course is designed to support a growth mindset regarding math and encourages students to engage in productive struggle; instructional materials explicitly and frequently remind students that mistakes are opportunities for learning and acquiring new skills. Together the course elements ensure the student grows as a mathematical thinker and masters the skills to succeed in work and life.

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Gifted and Talented Science 6 A Science 6A explores natural objects and phenomenon on our planet, in our Solar System, and beyond. This course uses multiple media sources to foster scientific inquiry and spark curiosity. The student will use models to investigate the relationship between the sun, moon, and Earth as they formulate explanations of lunar phases, eclipses, and seasons.

Scientific views and evidence of how the earth and other objects in the universe were formed are presented as the student learns about galaxies, asteroids, and stars. The student will analyze and interpret data from rock layers and fossils giving clues to Earth's age. They will also discover how Earth's surface has changed over time as connections between Earth's energy systems and plate tectonics are made.

Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways to test and apply their ideas.

Gifted and Talented Science 6 B Science 6B uses multiple media sources to foster scientific inquiry and spark curiosity. The student will discover ways that scientists use data, models, and technology gather information and make predictions.

Throughout this course, the student will investigate topics such as weather, climate, and natural resources. The student will collect and analyze data to discover how changes to weather conditions occur. They will also use scientific models to investigate how atmospheric circulation produces climate patterns and how thermal energy transfer affects climate.

This course explains renewable and non-renewable resources and the environmental implications associated with methods of managing and using energy resources. The student will identify and describe human activities that contribute to global climate change.

The student will also learn about natural hazards and how scientists use historical data to forecast and prepare for future catastrophic events.

Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways to test and apply their ideas.

Gifted and Talented Science 7 A Science 7A uses multiple media sources to foster scientific inquiry and spark curiosity as the student explores topics such as cells, body systems, reproductive strategies, and genetics.

The student will investigate cell structure in plants and animals and discover how organisms use cells to perform complex life functions.

They will also identify and describe the functions of several body systems including the respiratory, circulatory, digestive, and excretory systems.

Additionally, the student will evaluate reproductive strategies and genetics to discover the important roles they play in the survival of organisms.

Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways to test and apply their ideas.

Gifted and Talented Science 7 B Science 7B uses multiple media sources to foster scientific inquiry and spark curiosity. Throughout this course, the student will discover ways that scientists use data, models, and technology to gather and apply information.

This course explores the role of plants and photosynthesis in the cycling of matter and the flow of energy into and out of organisms. The student will analyze and interpret data to determine the effects of resource availability on biodiversity among populations in an ecosystem.

The topics of evolution, natural selection, and scientific classification are also presented throughout this course. The student will analyze and interpret data for patterns in the fossil record that document the change of life forms and examine genetic variations of a population over time. The student will also learn how scientists classify organisms based on similar characteristics.

Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways to test and apply their ideas.

Gifted and Talented Science 8 A Science 8A uses multiple media sources to foster scientific inquiry and spark curiosity as the student explores topics in the physical sciences. Throughout this course, the student will discover ways that scientists use data, models, and technology to gather and apply information.

The student will learn about atomic composition and the properties of matter. They will also distinguish between chemical and physical changes in matter and investigate how thermal energy transfer affects particle motion in matter.

This course examines the relationship between potential and kinetic energy as the student explores how mass and speed affect energy transfer.

Additionally, the student will discover how different types of waves transmit light, sound, and other forms of energy both in the presence and absence of matter.

Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways to test and apply their ideas.

Gifted and Talented Science 8 B Science 8B uses multiple media sources to foster scientific inquiry and spark curiosity as the student studies elements of the physical sciences. Throughout this course, the student will discover ways that scientists use data, models, and technology to gather and apply information.

This course investigates the relationship between force and motion as the student explores Newton's Laws of Motion. The student will learn about the unseen forces of gravity, magnetism, and electricity as they determine factors that affect the strength of these forces.

The role of design in machines are also explored as the student investigates the relationship between force and work with regards to the transfer of mechanical energy.

Throughout the course, the student will engage in activities that promote critical thinking, explore increasingly complex conceptual relationships, and encourage them to be curious about the world they live in and explore ways to test and apply their ideas.

Health and Physical Education 6 The Health and Physical Education course will provide the student with the foundation for concepts and skills necessary for lifelong health and physical fitness. In the health portion of the course, the student will be introduced to and assessed on various topics ranging from body systems to proper nutrition and fitness, as well as understanding what it means to be healthy. The student will also be introduced to skills that can be applied toward healthy behaviors. The physical education portion of the course will offer great freedom as the student will be able to choose a physical education regimen that will fit the student's individual needs. The student will be given a choice of three paths that place emphasis on lifelong activities as well as current fitness trends. Physical education lessons are geared toward a "physically fit" lifestyle that will aid the student in the years to come and ensure a higher quality of life.

Health and Physical Education 7 The Health and Physical Education course will guide the student through material that will promote healthy, active lifestyles. Health topics include issues that are relevant to the age group, such as mental and emotional health, conflict resolution, and bullying. The student will also be immersed in the prevention and avoidance of drugs, alcohol, and tobacco. The student will receive the necessary strategies to help avoid the pitfalls of unhealthy and risky behaviors. The physical education portion of the course will offer great freedom as the student will be able to choose a physical education regimen that will fit the student's individual needs. The student will be given a choice of three paths that place emphasis on lifelong activities as well as current fitness trends. Physical education lessons are geared toward a "physically fit" lifestyle that will aid the student in the years to come and ensure a higher quality of life.

Health and Physical Education 8	<p>The Health and Physical Education course will introduce the student to vital health concepts and reinforce health skills that promote healthy behaviors. The student will learn the functions and structures of various body systems as well as the care and prevention of disease to these systems. The student will learn about communicable diseases and how to prevent the spread of such diseases. The student will also be able to demonstrate the importance of proper nutrition by planning and analyzing meals and nutritional values. Proper actions in emergencies and safety procedures will also be included. The physical education portion of the course will offer great freedom as the student will be able to choose a physical education regimen that will fit the student's individual needs. The student will be given a choice of three paths that place emphasis on lifelong activities as well as current fitness trends. Physical education lessons are geared toward a "physically fit" lifestyle that will aid the student in the years to come and ensure a higher quality of life.</p>
Language Arts 6 A	<p>In this course, students will sharpen and strengthen their skills in reading, writing, listening, and speaking. The student is exposed to a wide variety of writing styles to create a sense of curiosity and excitement.</p> <p>During this course, the student will learn to make connections between readings, podcasts, radio clips, videos, and the world. The student will also expand an academic vocabulary and build confidence through independent reading, peer model videos, and practice opportunities. The student will write expository and creative compositions and employ test-taking strategies that are effective for different types of learners.</p>
Language Arts 6 B	<p>In this course, students will sharpen and strengthen their skills in reading, writing, listening, and speaking. The student is exposed to a wide variety of writing styles to create a sense of curiosity and excitement.</p> <p>During this course, the student will learn how to identify credible sources as well as compose argumentative and narrative essays using formal writing techniques. Students will also compare different types of media used to tell stories. These methods include textual, audio, and visual media types.</p>
Language Arts 7 A	<p>In this course, the student will focus on reading, writing, and analyzing informational and narrative texts, as well as developing their vocabulary and grammatical knowledge. The student will read poetry by Lewis Carroll and Danile Beatty, short stories, and informational texts on Rose Parks and Army Code.</p>
Language Arts 7 B	<p>In this course, the student will focus on reading, writing, and analyzing informational and narrative texts, as well as developing their vocabulary and grammatical knowledge. The student will read classics including Great Expectations and Peter Pan, as well as non-fiction historical texts.</p>
Language Arts 8 A	<p>In this course, the student studies and analyzes explanatory, informational, and argumentative texts. Throughout the course curiosity and critical thinking are encouraged as the student practices reading comprehension through analogy and allusion in works by O. Henry and Roald Dahl. The student will learn to make connections between reading and the world around them as they read interesting texts about Female WWII Pilots and the Invention of the Popsicle. Their academic vocabulary will be expanded as they explore word choice and meaning to refine communication skills in reading, writing, listening, and speaking. This course presents strategies to strengthen writing skills through grammar, punctuation, and sentence and paragraph structure. The student will refine, reinforce and apply these skills through their own explanatory and persuasive compositions.</p>
Language Arts 8 B	<p>In this course, the student is exposed to a wide variety of writing styles that create a sense of curiosity and excitement. Throughout the course the student will explore and analyze several literary genres including narrative, poetry, suspense, and humor. The student will also explore character development and dramatic irony as they participate in fictional novel study. Then, they will sharpen their writing skills as they create their own narrative story. Additionally, this course provides the opportunity for the student to exercise curiosity and inquiry skills through short and long-term research as they conduct and present observations and conclusions from their own research project.</p>

Math 6 A

In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into strong mathematical thinkers. Daily instruction supports student learning of core math concepts and development of procedural fluency regarding ordering numbers; working with whole numbers and decimals; ratios and percentages; rates and measurements; the coordinate plane; number theory and fractions; and adding and subtracting fractions. Students are encouraged to use visual representations of their thinking to bridge their understanding between the concrete and abstract, allowing patterns and mathematical principles to come to life. Peer Model videos throughout provide illustrations of a peer learning how to use and apply the target mathematical skill using a real-world example. 21st Century instruction further illustrates the connection of mathematical concepts to the real world while supporting students' development of skills, knowledge, and expertise they must master to succeed in work and life. Mathematical discussion prompts encourage students to revise misunderstanding, uncover nuances in application, make connections to prior knowledge, identify patterns, and engage with vocabulary. Students are encouraged to listen critically, critique the reasoning of others, and justify their own solutions. The course is designed to support a growth mindset regarding math and encourages students to engage in productive struggle; instructional materials explicitly and frequently remind students that mistakes are opportunities for learning and acquiring new skills. Together the course elements ensure the student grows as a mathematical thinker and masters the skills to succeed in work and life.

Math 6 B

In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into strong mathematical thinkers. Daily instruction supports student learning of core math concepts and development of procedural fluency regarding multiplying and dividing fractions; expressions and equations; inequalities; area and volume; coordinate geometry and nets; and statistics. Students are encouraged to use visual representations of their thinking to bridge their understanding between the concrete and abstract, allowing patterns and mathematical principles to come to life. Peer Model videos throughout provide illustrations of a peer learning how to use and apply the target mathematical skill using a real-world example. 21st Century instruction further illustrates the connection of mathematical concepts to the real world while supporting students' development of skills, knowledge, and expertise they must master to succeed in work and life. Mathematical discussion prompts encourage students to revise misunderstanding, uncover nuances in application, make connections to prior knowledge, identify patterns, and engage with vocabulary. Students are encouraged to listen critically, critique the reasoning of others, and justify their own solutions. The course is designed to support a growth mindset regarding math and encourages students to engage in productive struggle; instructional materials explicitly and frequently remind students that mistakes are opportunities for learning and acquiring new skills. Together the course elements ensure the student grows as a mathematical thinker and masters the skills to succeed in work and life.

Math 7 A

In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into strong mathematical thinkers. Daily instruction supports student learning of core math concepts and development of procedural fluency regarding rational numbers; unit rates and proportions, proportional relationships; algebraic expressions; solving one-, two-, and multi-step equations; inequalities; angle pairs; triangles; area and perimeter; surface area; volume; probability; and statistics. Daily instruction supports student learning of core math concepts and development of procedural fluency. Students are encouraged to use visual representation of their thinking to bridge their understanding between the concrete and abstract, allowing patterns and mathematical principles to come to life. Peer Model videos throughout provide illustrations of a peer learning how to use and apply the target mathematical skill using a real-world example. 21st Century instruction further illustrates the connection of mathematical concepts to the real world while supporting students' development of skills, knowledge, and expertise they must master to succeed in work and life. Mathematical discussion prompts encourage students to revise misunderstanding, uncover nuances in application, make connections to prior knowledge, identify patterns, and engage with vocabulary. Students are encouraged to listen critically, critique the reasoning of others, and justify their own solutions. The courses are designed to support a growth mindset regarding math and encourage students to engage in productive struggle; instructional materials explicitly and frequently remind students that mistakes are opportunities for learning and acquiring new skills. Together the course elements ensure the student grows as a mathematical thinker and masters the skills to succeed in work and life.

Math 7 B	<p>In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into strong mathematical thinkers. Daily instruction supports student learning of core math concepts and development of procedural fluency regarding inequalities; angle pairs; triangles; area and perimeter; surface area; volume; probability; and statistics. Students are encouraged to use visual representation of their thinking to bridge their understanding between the concrete and abstract, allowing patterns and mathematical principles to come to life. Peer Model videos throughout provide illustrations of a peer learning how to use and apply the target mathematical skill using a real-world example. 21st Century instruction further illustrates the connection of mathematical concepts to the real world while supporting students' development of skills, knowledge, and expertise they must master to succeed in work and life. Mathematical discussion prompts encourage students to revise misunderstanding, uncover nuances in application, make connections to prior knowledge, identify patterns, and engage with vocabulary. Students are encouraged to listen critically, critique the reasoning of others, and justify their own solutions. The course is designed to support a growth mindset regarding math and encourages students to engage in productive struggle; instructional materials explicitly and frequently remind students that mistakes are opportunities for learning and acquiring new skills. Together the course elements ensure the student grows as a mathematical thinker and masters the skills to succeed in work and life.</p>
Middle Chinese I	<p>Chinese I is an introductory-level course that will introduce the student to Mandarin Chinese. The units are designed to introduce the student to Chinese language and culture through familiar topics such as my family, my week, and food. Culture is presented throughout the course to help the student make connections between his culture and the culture of people in the Mandarin-speaking world.</p> <p>Please Note: The World Languages courses require a headset and microphone which is compatible with the computer being used for the course. This equipment is not provided by Connections Education.</p>
Middle Chinese II	<p>Middle Chinese II enables the student to further develop his communication skills as studies Mandarin Chinese at a more advanced level. The student will continue to learn about Chinese culture as the student studies about historic places in China and other Mandarin-speaking countries and learns of the holidays and special traditions celebrated there. The student will practice his acquisition of Mandarin Chinese skills by continuing to converse with a native Mandarin speaker.</p> <p>Please Note: The World Languages courses require a headset and microphone which is compatible with the computer being used for the course. This equipment is not provided by Connections Education.</p>
Middle School Career Exploration 1	<p>How do you pick a career path when you're not sure what's even out there? This course allows you to begin exploring options in fields such as teaching, business, government, hospitality, health science, IT, and more! You'll align your interests, wants, and needs to career possibilities, including the required education for each. Let's find a pathway that works for you.</p>
Middle School Digital Art and Design	<p>There are so many different types of art in this world--fine art, classical art, visual art--but the impact of digital art and design is all around us, often in ways that you probably aren't even aware of! After taking Digital Art and Design, you'll enjoy a deeper understanding and appreciation for all things digital as you explore this special genre of art found in everything from advertising to animation to photography and beyond. In this course, you'll learn about the evolution of art, the basic principles of art and design, and the role of art in politics and society. Additionally, you will actually create your own digital art and make it come alive. Give your creative side a boost with this Digital Art and Design course!</p>
Middle Spanish I	<p>Middle Spanish I is an introductory-level course that will introduce the student to Spanish. The units are designed to introduce the student to Spanish language and culture through familiar topics such as my family, my week, and food. Culture is presented throughout the course to help the student make connections between his culture and the culture of people in the Spanish-speaking world.</p> <p>Please Note: The World Languages courses require a headset and microphone which is compatible with the computer being used for the course. This equipment is not provided by Pearson Virtual Schools.</p>

Middle Spanish II	<p>Middle Spanish II enables the student to further develop the communicative skills of listening, speaking, reading, and writing of Spanish at a more advanced level. The units are designed to develop the student's knowledge of Spanish language and culture through familiar topics such as my school, my family, and my neighborhood. Culture is presented throughout the course to help the student make connections between his culture and the culture of people in the Spanish-speaking world.</p> <p>Please Note: The World Languages courses require a headset and microphone which is compatible with the computer being used for the course. This equipment is not provided by Pearson Virtual Schools.</p>
Precalculus B	<p>This is the second of two courses that comprise Precalculus. In this course, the student will continue to study higher-level mathematics. The student will expand knowledge of trigonometric concepts, including trigonometric functions and identities, before being introduced to polar coordinates and equations. Next, the student will explore vectors and parametric equations. Finally, the student will examine calculus concepts including limits and derivatives in preparation for studying calculus.</p> <p>A content thread throughout the course focuses on ways mathematics is applied in the real world and is essential to everyday life. These real-world connections, combined with an emphasis on mathematical reasoning and critical thinking skills, prepare the student for future college and career opportunities.</p>
Science 6 A	<p>Science 6A explores natural objects and phenomenon on our planet, in our solar system, and beyond. This course uses multiple media sources to foster scientific inquiry and spark curiosity.</p> <p>The student will use models to explore the relationship between the sun, moon, and Earth and formulate explanations of lunar phases, eclipses, and seasons. Scientific views and evidence of how Earth and other objects in the universe were formed are presented as the student learns about galaxies, asteroids, and stars.</p> <p>The student will analyze and interpret data from rock layers and fossils giving clues to Earth's age. They will also discover how Earth has changed over time as the student makes connections between Earth's energy systems and plate tectonics.</p>
Science 6 B	<p>Science 6B uses multiple media sources to foster scientific inquiry and spark curiosity. The student will discover ways that scientists use data, models, and technology gather information and make predictions.</p> <p>Throughout this course, the student will investigate topics such as weather, climate, and natural resources. The student will collect and analyze data to discover how changes to weather conditions occur. They will also use scientific models to investigate how atmospheric circulation produces climate patterns and how thermal energy transfer affects climate.</p> <p>This course explains renewable and non-renewable resources and the environmental implications associated with methods of managing and using energy resources. The student will identify and describe human activities that contribute to global climate change.</p> <p>The student will also learn about natural hazards and how scientists use historical data to forecast and prepare for future catastrophic events.</p>
Science 7 A	<p>Science 7A uses multiple media sources to foster scientific inquiry and spark curiosity as the student explores topics such as cells, body systems, reproductive strategies, and genetics.</p> <p>The student will investigate cell structure in plants and animals and discover how organisms use cells to perform complex life functions.</p> <p>They will also identify and describe the functions of several body systems including the respiratory, circulatory, digestive, and excretory systems.</p> <p>Additionally, the student will evaluate reproductive strategies and genetics to discover the important roles they play in the survival of organisms.</p>

Science 7 B	<p>Science 7B uses multiple media sources to foster scientific inquiry and spark curiosity. Throughout this course, the student will discover ways that scientists use data, models, and technology to gather and apply information.</p> <p>This course explores the role of plants and photosynthesis in the cycling of matter and the flow of energy into and out of organisms. The student will analyze and interpret data to determine the effects of resource availability on biodiversity among populations in an ecosystem.</p> <p>The topics of evolution, natural selection, and scientific classification are also presented throughout this course. The student will analyze and interpret data for patterns in the fossil record that document the change of life forms and examine genetic variations of a population over time. The student will also learn how scientists classify organisms based on similar characteristics.</p>
Science 8 A	<p>Science 8A uses multiple media sources to foster scientific inquiry and spark curiosity as the student explores topics in the physical sciences. Throughout this course, the student will discover ways that scientists use data, models, and technology to gather and apply information.</p> <p>The student will learn about atomic composition and the properties of matter. They will also distinguish between chemical and physical changes in matter and investigate how thermal energy transfer affects particle motion in matter.</p> <p>This course examines the relationship between potential and kinetic energy as the student explores how mass and speed affect energy transfer.</p> <p>Additionally, the student will discover how different types of waves transmit light, sound, and other forms of energy both in the presence and absence of matter.</p>
Science 8 B	<p>Science 8B uses multiple media sources to foster scientific inquiry and spark curiosity as the student studies elements of the physical sciences. Throughout this course, the student will discover ways that scientists use data, models, and technology to gather and apply information.</p> <p>This course investigate the relationship between force and motion as the student explores Newton's Laws of Motion. The student will learn about the unseen forces of gravity, magnetism, and electricity as they determine factors that affect the strength of these forces.</p> <p>The role of design in machines are also explored as the student investigates the relationship between force and work with regards to the transfer of mechanical energy.</p>
Sign Language 6-8	<p>In this course, the student will be introduced to the fundamental concepts of American Sign Language. The student will explore vocabulary, grammar, and conversational skills using basic signing and fingerspelling techniques, and will begin to learn about Deaf culture and the Deaf community. A webcam and recording device are required for this course.</p>
Social Studies 6 A (CL Only)	<p>This course offers a broad survey of world history from the beginnings of civilization to the earliest river valley civilizations in Africa and Asia. The course examines world political, economic, geographic, and social history from a hybrid regional and chronological point of view. Throughout the course, the student will make connections between geography, politics, and economics, and their impact on world events and the human progress. The student will enhance his social studies skills by completing activities that teach analysis of primary and secondary sources, reading graphs and maps, organizing information, and more. Lessons are designed to develop the student's ability to read, question, analyze, interpret, and evaluate different forms of information. Pearson's MyWorld Interactive World History provides the basis for instruction.</p>

Social Studies 6 B	This course offers a broad survey of world history from classical Greece and Rome to major civilizations in Africa, Asia, and the Americas. The course examines world political, economic, geographic, and social history from a hybrid regional and chronological point of view. Throughout the course, the student will make connections between geography, politics, and economics, and their impact on world events and the human progress. The student will enhance his social studies skills by completing activities that teach analysis of primary and secondary sources, reading graphs and maps, organizing information, and more. Lessons are designed to develop the student's ability to read, question, analyze, interpret, and evaluate different forms of information. Pearson's MyWorld Interactive World History provides the basis for instruction.
Social Studies 6 B (CL Only)	This course offers a broad survey of world history from classical Greece and Rome to the rise of the Roman Empire. It also includes a study of Feudalism in Europe. The course examines world political, economic, geographic, and social history from a hybrid regional and chronological point of view. Throughout the course, the student will make connections between geography, politics, and economics, and their impact on world events and the human progress. The student will enhance his social studies skills by completing activities that teach analysis of primary and secondary sources, reading graphs and maps, organizing information, and more. Lessons are designed to develop the student's ability to read, question, analyze, interpret, and evaluate different forms of information. Pearson's MyWorld Interactive World History provides the basis for instruction.
Social Studies 7 A	This course offers a broad survey of world history from major civilizations in Africa, East Asia, and West Asia to early cultures in the Americas. It also includes a study of Feudalism in Europe. The course examines world political, economic, geographic, and social history from a hybrid regional and chronological point of view. Throughout the course, the student will make connections between geography, politics, and economics, and their impact on world events and the human progress. The student will enhance her social studies skills by completing activities that teach analysis of primary and secondary sources, reading graphs and maps, organizing information, and more. Lessons are designed to develop the student's ability to read, question, analyze, interpret, and evaluate different forms of information. Pearson's MyWorld Interactive World History provides the basis for instruction.
Social Studies 7 A	Picture this: a ragged band of farmers, angry about high taxes and the lack of a voice in their government, defies the British Empire. Soldiers are sent to intimidate them, but the farmers will not back down. With a "shot heard 'round the world," the American Revolution erupts, and the United States is born. Inspired by America's example, people from all over the world begin to embrace a new kind of democracy. Civics, a one-semester course, provides an in-depth look at the origins of American democracy from the influence of philosophers to the Declaration of Independence and the framing of the Constitution. The course also explores federalism, civil liberties, and the three branches of government. You will gain an understanding of how the government functions, the duties of your elected officials, and your own rights and responsibilities as a U.S. citizen. The course concludes by examining state and local governments and discussing how to get involved in shaping policies that affect your community.
Social Studies 7 B	This course offers a broad survey of world history from the Renaissance and the Enlightenment to modern times. The course examines world political, economic, geographic, and social history from a hybrid regional and chronological point of view. Throughout the course, the student will make connections between geography, politics, and economics, and their impact on world events and the human progress. The student will enhance her social studies skills by completing activities that teach analysis of primary and secondary sources, reading graphs and maps, organizing information, and more. Lessons are designed to develop the student's ability to read, question, analyze, interpret, and evaluate different forms of information. Pearson's MyWorld Interactive World History provides the basis for instruction.

Social Studies 7 B (FL Only)	<p>Picture this: a ragged band of farmers, angry about high taxes and the lack of a voice in their government, defies the British Empire. Soldiers are sent to intimidate them, but the farmers will not back down. With a "shot heard 'round the world," the American Revolution erupts, and the United States is born. Inspired by America's example, people from all over the world begin to embrace a new kind of democracy. Civics, a one-semester course, provides an in-depth look at the origins of American democracy from the influence of philosophers to the Declaration of Independence and the framing of the Constitution. The course also explores federalism, civil liberties, and the three branches of government. You will gain an understanding of how the government functions, the duties of your elected officials, and your own rights and responsibilities as a U.S. citizen. The course concludes by examining state and local governments and discussing how to get involved in shaping policies that affect your community.</p>
Social Studies 8 A 1492–Pres (CL Only)	<p>This course offers a broad survey of United States history from the pre-colonial period through the Civil War. The course examines U.S. political, economic, and social history from a chronological point of view. Throughout the course, the student will make connections between historical events and their impact on the American people and landscape. The student will enhance social studies skills by completing activities that teach understanding primary sources, reading time lines and graphs, comparing and contrasting, recognizing bias, and more. Lessons are designed to develop the student's abilities to question, read, analyze, interpret, and evaluate different forms of information. The student will also practice geography skills by exploring the evolution of America's geography and its historical impact. Pearson's American History provides the basis for instruction.</p>
Social Studies 8 B	<p>This course offers a broad survey of United States history from the Reconstruction Era to the present. The course examines U.S. political, economic, and social history from a chronological point of view. Throughout the course, the student will make connections between historical events and their impact on the American people and landscape. The student will enhance social studies skills by completing activities that teach understanding primary sources, reading time lines and graphs, comparing and contrasting, recognizing bias, and more. Lessons are designed to develop the student's abilities to question, read, analyze, interpret, and evaluate different forms of information. The student will also practice geography skills by exploring the evolution of America's geography and its historical impact. Pearson's American History provides the basis for instruction.</p>
Algebra 1 A	<p>This course is the first of two that comprise Algebra 1. In this course, the student will gain a foundational understanding of the real number system, expressions, equations, and inequalities. The student will be taught to solve simple and multi-step equations and inequalities and represent those solutions graphically. In addition, students will explore linear or nonlinear functions and represent those functions on the coordinate plane. Finally, the student will solve systems of equations and inequalities and represent those solutions graphically.</p> <p>Throughout the course, problem solving, critical thinking, and real-world application of mathematical concepts will be required.</p>
Algebra 1 A, Part 1	<p>This course includes the first half of the Algebra 1 A course content. In this course, the student will gain a foundational understanding of the real number system, expressions, equations, and inequalities. The student will solve simple and multi-step equations and inequalities and represent those solutions graphically.</p> <p>There are many opportunities for review and reflection in the course and the student is encouraged to monitor progress with the course content. Throughout the course, problem solving, critical thinking, and real-world application of mathematical concepts will be required.</p>
Algebra 1 A, Part 2	<p>This course includes the second half of the Algebra 1 A course content. In this course, the student will study functions that are either linear or nonlinear in nature and represent those functions on the coordinate plane. Also, the student will solve systems of equations and inequalities and represent those solutions graphically.</p> <p>There are many opportunities for review and reflection in the course and the student is encouraged to monitor progress with the course content. Throughout the course, problem solving, critical thinking, and real-world application of mathematical concepts will be required.</p>

Algebra 1 B	<p>This course is the second part of a two-part sequence covering Algebra 1. The student will use his knowledge of real number operations, expressions, equations, inequalities, and functions to solve algebra concepts. This course will introduce the student to exponents and use those exponent rules to solve exponential functions. The student will learn how to identify and solve polynomial equations using a variety of methods including factoring. The student will also learn how to work with quadratic functions and equations and represent both of those on a coordinate plane. The student will work with radical and rational expressions and solve rational equations.</p> <p>Throughout the course, problem solving, critical thinking, and real-world application of mathematical concepts will be required.</p>
Algebra 1 B, Part 1	<p>This course includes the first half of the Algebra 1 B course content. The course begins with a review of concepts and skills from Algebra 1 A. Then, the student will be introduced to operations involving exponents and then explore exponential functions. The student will learn how to identify and solve polynomial equations using a variety of methods including factoring. Lastly, the student will graph quadratic equations and solve them using a variety of methods, including the quadratic formula.</p> <p>There are many opportunities for review and reflection in the course and the student is encouraged to monitor progress with the course content. Throughout the course, problem solving, critical thinking, and real-world application of mathematical concepts will be required.</p>
Algebra 1 B, Part 2	<p>This course includes the second half of the Algebra 1 B course content. In this course, the student will perform operations with radical expressions, graph square root functions, and explore trigonometric ratios. The student will solve both radical and rational equations and explore the graphs of rational functions. Finally, the student will be introduced to statistics and learn how to organize and display data. Lastly, the student will solve problems involving probability.</p> <p>There are many opportunities for review and reflection in the course and the student is encouraged to monitor progress with the course content. Throughout the course, problem solving, critical thinking, and real-world application of mathematical concepts will be required.</p>
Algebra 1 Foundations A	<p>This course is the first of two that comprise Basic Algebra 1. In this course, the student will begin to investigate the basic building blocks of higher level mathematics, which will prepare him to investigate in-depth practical concepts. The student will begin by working with the foundations of algebra, which will provide the framework for the rest of the course. Additionally, students will solve equations and inequalities that apply to a variety of practical applications. Students will also begin to work with linear functions and their respective graphs and representations. Lastly, the course will conclude with an investigation of systems of equations and inequalities.</p> <p>Throughout the course, the student will be assessed on their knowledge of algebra through a variety of formal assessments and projects. The student will also work with virtual manipulatives and technology-based resources to provide a greater understanding of the material.</p>
Algebra 1 Foundations B	<p>This course is the last of two that comprise Basic Algebra 1. In this course, the student will continue working with higher level mathematical concepts. The student will begin the course by investigating exponents and their functions as well as the concept of polynomials and factoring. Additionally, the student will work with quadratic functions, radical expressions, rational expressions, and their associated equations. The course also includes several lessons about data analysis, where the student will interpret histograms, calculate and interpret the measures of central tendency, and display data using box-and-whisker plots. The student will solve real-world problems and model real-world scenarios.</p> <p>Throughout the course, the student will continue to improve his logical thinking abilities and mathematical foundations. The student will be introduced to multiple problem-solving strategies and will be exposed to various technologies that can be utilized when solving algebra problems.</p>

Algebra 2 A	In the first semester of this algebra course, the student will review and expand on her learning from previous algebra courses. The beginning units will focus mostly on the equation and the inequality. The student will write, solve, and graph these in a variety of real-world scenarios. The last few units will focus on types of functions. The student will continue her study of quadratic functions from previous algebra courses, but will expand this to include exponential and logarithmic functions. As before, the student will write, solve, and graph these functions. Use of a graphing calculator is encouraged.
Algebra 2 A, Part 1	In this first semester of Algebra 2 A, the student will review and expand on learning from previous math and algebra courses. This course will move at a slower pace than other Algebra 2 courses, and there will be a greater emphasis placed on instructional support. The units of this semester will focus mostly on the equation and the inequality; the student will write, solve, and graph these in a variety of real-world scenarios.
Algebra 2 A, Part 2	In this second semester of Algebra 2 A, the student will review and expand on learning from the previous semester. This course will move at a slower pace than other Algebra 2 courses, and there will be a greater emphasis placed on instructional support. The units of this semester will focus on types of functions. The student will continue to study quadratic and radical functions, but will expand this to include exponential and logarithmic functions. The student will write, solve, and graph these functions.
Algebra 2 B	In this second semester of this algebra course, the student will strengthen his algebraic problem-solving abilities and deepen an understanding of mathematics. The student will, among other things, explore operations, graphs, and real-world applications related to both radical and rational functions, observe different types of geometric and arithmetic patterns, examine graphs and equations of conic sections, and calculate probabilities. The course will conclude with an introduction to trigonometry and its associated functions.
Algebra 2 B, Part 1	In this first semester of Algebra 2 B, the student will strengthen algebraic problem-solving abilities and develop a deeper understanding of mathematics. This course will move at a slower pace than other Algebra 2 courses, and there will be a greater emphasis placed on instructional support. The first unit is a review of prerequisite knowledge. The student will, among other things, explore operations, graphs, and real-world applications related to rational functions, observe different types of geometric and arithmetic patterns, explore the properties of quadratic functions, and examine graphs and equations of conic sections.
Algebra 2 B, Part 2	In this second semester of Algebra 2 B, the student will strengthen algebraic problem-solving abilities and develop a deeper understanding of mathematics. This course will move at a slower pace than other Algebra 2 courses, and there will be a greater emphasis placed on instructional support. The first unit is a review of prerequisite knowledge. The student will explore probabilities and be introduced to trigonometry and its associated functions.
Algebra 2 Foundations A	In this first semester of Algebra 2 Foundations, the student will review and expand on his/her learning from previous math and algebra courses. This course will move at a slower pace than the Standard and Honors courses, and there will be a greater emphasis placed on instructional support. The beginning units will focus mostly on the equation and the inequality; the student will write, solve, and graph these in a variety of real-world scenarios. The last few units will focus on types of functions. The student will continue his/her study of quadratic functions from Algebra 1, but will expand this to include exponential and logarithmic functions. As before, the student will write, solve, and graph these functions. Use of a graphing calculator is encouraged.
Algebra 2 Foundations B	In this second semester of Algebra 2 Foundations, the student will strengthen his algebraic problem-solving abilities and deepen his understanding of mathematics. This course will move at a slower pace than the Standard and Honors courses, and there will be a greater emphasis placed on instructional support. The student will, among other things, explore operations, graphs, and real-world applications related to both radical and rational functions, observe different types of geometric and arithmetic patterns, examine graphs and equations of conic sections, and calculate probabilities. The course will conclude with an introduction to trigonometry and its associated functions.

Algebra with Finance A	In the first semester of this course, the student will focus on data and its many uses in the real world. The student will begin by exploring ways to represent data through several types of graphs, and will then develop strategies for interpreting data, methods for collecting data, and techniques for analyzing and using data. The course concludes with a detailed study of probability and probability models.
Algebra with Finance B	In the second semester of this course, the student will explore useful personal finance topics, including wages, budgeting, personal taxes, credit cards, banking choices, home and automobile financing, insurance, savings, and investments. The latter part of this course is dedicated to appreciating math in diverse fields, such as science, art, architecture, and music.
American Government - single semester	In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into critical explorers of civics and American government. The course focuses on a variety of topics, including the Constitution, the structure and function of government, civil rights, economic policy, politics, and participation in the political process. American Government instruction is presented in close alignment with the national and state standards. Daily instruction supports student learning of core government and civics content as well as critical thinking and literacy skills. Instruction is presented in two modes: Peer Model, in which students view a video of a peer learning how to use and apply the target skill or concept, and 21st Century, in which the student gains proficiency in the skills, knowledge, and expertise needed to succeed in work and life. Text assets and visual media are used frequently throughout the course to allow the student to gain experience in reading and interpreting data from a variety of sources. Students put an inquiry-based approach into practice by working directly with these assets through the lens of unit and lesson themes as well as specific learning goals. Check-In and Practice activities allow students to confirm understanding, resolve misconceptions, and apply their learning to new situations. Together the course elements ensure the student gains an awareness of the structure and function of American government, grows as a critical thinker and eventual participant in the political process, and masters the skills to succeed in work and life.
American Government A	In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into critical explorers of civics and American government. The course focuses on a variety of topics, including the Constitution, the structure and function of government, civil rights, economic policy, politics, and participation in the political process. American Government instruction is presented in close alignment with the national and state standards. Daily instruction supports student learning of core government and civics content as well as critical thinking and literacy skills. Instruction is presented in two modes: Peer Model, in which students view a video of a peer learning how to use and apply the target skill or concept, and 21st Century, in which the student gains proficiency in the skills, knowledge, and expertise needed to succeed in work and life. Text assets and visual media are used frequently throughout the course to allow the student to gain experience in reading and interpreting data from a variety of sources. Students put an inquiry-based approach into practice by working directly with these assets through the lens of unit and lesson themes as well as specific learning goals. Check-In and Practice activities allow students to confirm understanding, resolve misconceptions, and apply their learning to new situations. Together the course elements ensure the student gains an awareness of the structure and function of American government, grows as a critical thinker and eventual participant in the political process, and masters the skills to succeed in work and life.
American Government B	In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into critical explorers of civics and American government. The course focuses on a variety of content areas, including forms of government, economic policy, political parties, culture, and the role of the media, and participation in the political process. Daily instruction supports student learning of core government and civics content as well as critical thinking and literacy skills. Instruction is presented in two modes: Peer Model, in which the student views a video of a peer learning how to use and apply the target skill or concept, and 21st Century, in which the student gains proficiency in the skills, knowledge, and expertise needed to succeed in work and life. Text assets and visual media are used frequently throughout the course to allow the student to gain experience in reading and interpreting data from a variety of sources. The student puts an inquiry-based approach into practice by working directly with these assets through the lens of unit and lesson themes as well as specific learning goals. Check-In and Practice activities allow the student to confirm understanding, resolve misconceptions, and apply their learning to new situations. Together the course elements ensure the student gains an awareness of the structure and function of American government, grows as a critical thinker and eventual participant in the political process, and masters the skills to succeed in work and life.

AP Biology A	<p>In this course, the student will gain a foundation in the Life Sciences by focusing on four major themes: 1) how evolution drives the diversity and unity of life; 2) how life uses free energy to maintain homeostasis; 3) how living systems store, retrieve, transmit, and respond to information; and 4) how biological systems interact with each other. These themes are supported by a broad range of biological subdisciplines including biochemistry, molecular biology, cell biology, genetics, physiology, and ecology. The student will use practical experimentation to develop inquiry and reasoning skills to explore these themes throughout the course. This course effectively prepares the student for success on the AP® Biology exam by promoting the deductive reasoning and experimental interpretation skills emphasized in the AP curriculum.</p>
AP Biology B	<p>In this course, the student will gain a foundation in the Life Sciences by focusing on four major themes: 1) how evolution drives the diversity and unity of life; 2) how life uses free energy to maintain homeostasis; 3) how living systems store, retrieve, transmit, and respond to information; and 4) how biological systems interact with each other. These themes are supported by a broad range of biological subdisciplines including biochemistry, molecular biology, cell biology, genetics, physiology, and ecology. The student will use practical experimentation to develop inquiry and reasoning skills to explore these themes throughout the course. This course effectively prepares the student for success on the AP® Biology exam by promoting the deductive reasoning and experimental interpretation skills emphasized in the AP curriculum.</p>
AP Calculus AB A	<p>In this course, the student will complete the first semester of coursework similar to a first-year college-level calculus course. This course covers the framework, mathematical practices, and learning objectives for an AP® Calculus AB course as recommended by the College Board. This course provides experience with the methods and applications of calculus and effectively prepares the student to take the AP Calculus AB exam in the spring. The overarching topics in this course are limits, continuity, derivatives, methods of finding derivatives, and applications of derivatives. The student will interact with lesson content, multimedia presentations, an online textbook, and a graphing utility to meet learning goals throughout the course. Featured learning strategies in this course include direct instruction, regular checks and practices, discussions, portfolios, and a practice assessment for the AP Calculus AB exam.</p>
AP Calculus AB B	<p>In this course, students will complete the second semester of coursework similar to a first-year college-level calculus course. This course covers the framework, mathematical practices, and learning objectives for an AP® Calculus AB course as recommended by the College Board. This course provides experience with the methods and applications of calculus and effectively prepares the student to take the AP Calculus AB exam in the spring. The overarching topics in this course are integrals, methods of finding integrals, applications of integrals, differential equations, and mathematical modeling. The student will interact with lesson content, multimedia presentations, an online textbook, and a graphing utility to meet learning goals throughout the course. Featured learning strategies in this course include direct instruction, regular checks and practices, discussions, portfolios, a project that applies concepts from across the course, and a practice assessment for the AP Calculus AB exam.</p>
AP English Language and Composition A	<p>In AP English Language and Composition, students investigate rhetoric and its impact on culture through analysis of notable fiction and nonfiction texts, from pamphlets to speeches to personal essays. The equivalent of an introductory college-level survey class, this course prepares students for the AP exam and for further study in communications, creative writing, journalism, literature, and composition.</p> <p>Students explore a variety of textual forms, styles, and genres. By examining all texts through a rhetorical lens, students become skilled readers and analytical thinkers. Focusing specifically on language, purpose, and audience gives them a broad view of the effect of text and its cultural role. Students write expository and narrative texts to hone the effectiveness of their own use of language, and they develop varied, informed arguments through research. Throughout the course, students are evaluated with assessments specifically designed to prepare them for the content, form, and depth of the AP Exam. This course has been authorized by the College Board® to use the AP designation.</p>

AP English Language and Composition B

In AP English Language and Composition, students investigate rhetoric and its impact on culture through analysis of notable fiction and nonfiction texts, from pamphlets to speeches to personal essays. The equivalent of an introductory college-level survey class, this course prepares students for the AP exam and for further study in communications, creative writing, journalism, literature, and composition.

Students explore a variety of textual forms, styles, and genres. By examining all texts through a rhetorical lens, students become skilled readers and analytical thinkers. Focusing specifically on language, purpose, and audience gives them a broad view of the effect of text and its cultural role. Students write expository and narrative texts to hone the effectiveness of their own use of language, and they develop varied, informed arguments through research. Throughout the course, students are evaluated with assessments specifically designed to prepare them for the content, form, and depth of the AP Exam. This course has been authorized by the College Board® to use the AP designation.

AP English Literature & Composition A

The AP® English Literature and Composition course provides high school students with college-level instruction in reading, interpreting, and analyzing a range of imaginative texts. The student will become a skilled reader of literature written in various periods, disciplines, and styles. The student will learn about elements of poetry and the novel such as language, style, and tone, as well as become immersed in a study of drama involving William Shakespeare's King Lear. In addition, the student will deepen understanding of language, structure, and style by composing a variety of written texts—both formal and informal—that use literary tools and structures to analyze, argue, and inform. This course effectively prepares the student for the AP English Literature and Composition exam by enabling reading, writing, and comprehension of complex texts, while developing further communication skills on a college level.

AP English Literature & Composition B

The AP® English Literature and Composition course provides high school students with college-level instruction in reading, interpreting, and analyzing a range of imaginative texts. The student will become a skilled reader of literature written in various periods, disciplines, and styles. The student will explore the fundamentals of fiction and engage in a study of the contemporary novel, along with elements of poetry such as sound, structure, and syntax. The student will deepen understanding of language, structure, and style by composing a variety of written texts—both formal and informal—that use literary tools and structures to analyze, argue, and inform. This course effectively prepares the student for the AP English Literature and Composition exam by enabling reading, writing, and comprehension of complex texts, while developing further communication skills on a college level.

AP Environmental Science A

AP Environmental Science provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course draws upon various disciplines, including geology, biology, environmental studies, environmental science, chemistry, and geography in order to explore a variety of environmental topics. Topics explored include natural systems on Earth; biogeochemical cycles; the nature of matter and energy; the flow of matter and energy through living systems; populations; communities; ecosystems; ecological pyramids; renewable and nonrenewable resources; land use; biodiversity; pollution; conservation; sustainability; and human impacts on the environment. The equivalent of an introductory college-level science course, AP Environmental Science prepares students for the AP exam and for further study in science, health sciences, or engineering.

AP Environmental Science requires the completion of hands-on lab activities and has been approved by the College Board as meeting all requirements for a laboratory science course.

This course has been authorized by the College Board® to use the AP designation.

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AP Environmental Science requires the completion of hands-on lab activities and has been approved by the College Board as meeting all requirements for a laboratory science course.

This course has been authorized by the College Board® to use the AP designation.

AP Human Geography A The AP® Human Geography course provides high school students with college-level instruction in using a spatial perspective to study how humans understand and use Earth's surface. The student will become skilled in interpreting maps and geospatial data in order to draw conclusions about what is revealed and hidden. The student will hone analysis skills by learning to recognize, interpret, and assess patterns related to population, migration, folk and popular culture, language and religion, and politics. This course effectively prepares the student for the AP Human Geography exam by providing practice in the skills necessary to apply geographic concepts, interpret data, and synthesize information in both multiple-choice and constructed-response formats.

AP Human Geography B The AP® Human Geography course provides high school students with college-level instruction in using a spatial perspective to study how humans understand and use Earth's surface. The student will become skilled in interpreting maps and geospatial data in order to draw conclusions about what is revealed and hidden. The student will consider how regions develop, including agriculture versus urban land use issues, industry and energy, services and settlements, and urban patterns. This course effectively prepares the student for the AP Human Geography exam by providing practice in the skills necessary to apply geographic concepts, interpret data, and synthesize information in both multiple-choice and constructed-response formats.

AP Macroeconomics AP Macroeconomics students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. They'll also examine how individuals, institutions, and influences affect people, and how those factors can impact everyone's life through employment rates, government spending, inflation, taxes, and production. The equivalent of a 100-level college-level class, this course prepares students for the AP exam and for further study in business, political science and history. This course has been authorized by the College Board® to use the AP designation.

AP Microeconomics AP Microeconomics studies the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students will learn why the same product costs different amounts at different stores, in different cities, at different times. They'll also learn to spot patterns in economic behavior and how to use those patterns to explain buyer and seller behavior under various conditions. Microeconomics studies the economic way of thinking, understanding the nature and function of markets, the role of scarcity and competition, the influence of factors such as interest rates on business decisions, and the role of government in promoting a healthy economy. The equivalent of a 100-level college course, AP Microeconomics prepares students for the AP exam and for further study in business, history, and political science.

This course has been authorized by the College Board® to use the AP designation.

AP Psychology	<p>AP Psychology provides an overview of current psychological research methods and theories. Students will explore the therapies used by professional counselors and clinical psychologists and examine the reasons for normal human reactions: how people learn and think, the process of human development and human aggression, altruism, intimacy, and self reflection. They will study core psychological concepts, such as the brain and sense functions, and learn to gauge human reactions, gather information, and form meaningful syntheses. Along the way, students will also investigate relevant concepts like study skills and information retention. The equivalent of an introductory college-level survey course, AP Psychology prepares students for the AP exam and for further studies in psychology or life sciences.</p>
	<p>This course has been authorized by the College Board® to use the AP designation.</p>
AP Spanish Language and Culture A	<p>AP Spanish Language and Culture students practice perfecting their Spanish speaking, listening, reading, and writing skills. They study vocabulary, grammar, and cultural aspects of the language, and then apply what they learn in extensive written and spoken exercises. The course addresses the broad themes of Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. By the end of the course, students will have an expansive vocabulary, a solid, working knowledge of all verb forms and tenses, strong command of other language structures, and an ability to use language in many different contexts and for varied purposes. The equivalent of a college-level language course, AP Spanish Language prepares students for the AP exam and for further study of Spanish language, culture, or literature.</p>
	<p>This course has been authorized by the College Board® to use the AP designation.</p>
AP Spanish Language and Culture B	<p>AP Spanish Language and Culture students practice perfecting their Spanish speaking, listening, reading, and writing skills. They study vocabulary, grammar, and cultural aspects of the language, and then apply what they learn in extensive written and spoken exercises. The course addresses the broad themes of Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. By the end of the course, students will have an expansive vocabulary, a solid, working knowledge of all verb forms and tenses, strong command of other language structures, and an ability to use language in many different contexts and for varied purposes. The equivalent of a college-level language course, AP Spanish Language prepares students for the AP exam and for further study of Spanish language, culture, or literature.</p>
	<p>This course has been authorized by the College Board® to use the AP designation.</p>
AP Statistics A	<p>AP Statistics gives students hands-on experience collecting, analyzing, graphing, and interpreting real-world data. They will learn to effectively design and analyze research studies by reviewing and evaluating real research examples taken from daily life. The next time they hear the results of a poll or study, they will know whether the results are valid. As the art of drawing conclusions from imperfect data and the science of real-world uncertainties, statistics plays an important role in many fields. The equivalent of an introductory college-level course, AP Statistics prepares students for the AP exam and for further study in science, sociology, medicine, engineering, political science, geography, and business.</p>
	<p>This course has been authorized by the College Board to use the AP designation.</p>
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	<p>This course has been authorized by the College Board to use the AP designation.</p>

AP United States Government and Politics	<p>The AP® United States Government and Politics course provides high school students with college-level instruction in using disciplinary practices to examine key ideas, institutions, and behaviors in American government. The student will look critically at the fundamental beliefs and philosophies that shaped American government and how those ideas have been interpreted and applied throughout history. The student will develop a deep understanding of the U.S. Constitution and the American political system—both its formal and informal processes and procedures. In addition, the student will examine specific governmental institutions, policies, interactions, and behaviors within the political system. Through study of each of these areas, the student will hone reasoning skills by developing evidence-based arguments, interpreting various types of data, and analyzing key documents, including foundational documents and Supreme Court decisions. This course effectively prepares the student for the AP United States Government and Politics exam by providing practice in the skills necessary to draw reasoned conclusions in both multiple-choice and constructed-response formats.</p>
AP United States History A	<p>The AP® United States History course provides high school students with college-level instruction in using disciplinary practices and historical reasoning to examine the history of the United States from approximately 1491 to the present. The student will look critically at how the American identity has developed over the course of American history and how it has been informed by the changing nature of American culture and societal structures and norms. Students will recognize and interpret patterns of migration and settlement—both to and within the United States—and how those patterns impacted and were impacted by aspects of regional geography and environment. The student will also consider political and economic patterns and relationships in American history, both within the nation and with the global community at large. Through their study of each of these areas, the student will hone reasoning skills to contextualize patterns and events, identify causation and continuity, and analyze change over time. The course is presented both chronologically with content divided into nine time periods, as well as thematically to reinforce that key themes form connections between different regions and time periods in American history. This course effectively prepares students for the AP United States History exam by providing practice in the skills necessary to analyze primary and secondary sources, construct evidence-based arguments, and draw reasoned conclusions in both multiple-choice and constructed-response formats.</p>
AP United States History B	<p>The AP® United States History course provides high school students with college-level instruction in using disciplinary practices and historical reasoning to examine the history of the United States from approximately 1491 to the present. The student will look critically at how the American identity has developed over the course of American history and how it has been informed by the changing nature of American culture and societal structures and norms. Students will recognize and interpret patterns of migration and settlement—both to and within the United States—and how those patterns impacted and were impacted by aspects of regional geography and environment. The student will also consider political and economic patterns and relationships in American history, both within the nation and with the global community at large. Through their study of each of these areas, the student will hone reasoning skills to contextualize patterns and events, identify causation and continuity, and analyze change over time. The course is presented both chronologically with content divided into nine time periods, as well as thematically to reinforce that key themes form connections between different regions and time periods in American history. This course effectively prepares students for the AP United States History exam by providing practice in the skills necessary to analyze primary and secondary sources, construct evidence-based arguments, and draw reasoned conclusions in both multiple-choice and constructed-response formats.</p>
Aventa HS French I A	<p>The goal of this course is to give the student basic listening, speaking, reading, and writing skills through interesting and engaging activities. This course is organized into five topics including greetings, calendar, weather, time, and colors. The student will learn to talk about himself and other people, describe his surroundings, and use numbers for dates and times. The student will be introduced to regular verbs in the present tense and will practice simple grammatical structures in innovative and interesting ways with a variety of learning styles in mind. Culture is presented throughout the course to help the student understand the context of the language and the perspectives of the French-speaking world.</p>

Aventa HS French I B	<p>The goal of this course is to continue to give the student basic listening, speaking, reading, and writing skills through a variety of activities. Throughout the course, the student will learn to talk about himself and other people, describe his surroundings, and use numbers for dates and times. The student will be introduced to irregular verbs in the present tense and will practice simple grammatical structures in innovative and interesting ways with a variety of learning styles in mind. In this course, the student will also begin to learn some complex grammar. Culture is presented throughout the course to help the student understand the context of the language and the perspectives of the French-speaking world.</p>
Aventa HS French II A	<p>This course builds on the skills the student learned in French I. In this course, the student will be introduced to a variety of areas of language learning. The student will learn listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: daily routine, animals, hobbies, the body, and descriptions. Throughout this course, the student will learn to express himself using an ever increasing vocabulary, present-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Elements of the French-speaking world and culture appear throughout the course, including people, geographical locations, and histories.</p>
Aventa HS French II B	<p>This course is a continuation of French II A. The student will continue to be introduced to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: house, shopping, entertainment, spare time, and travel. In this course, the student will learn to express himself using an ever increasing vocabulary, present-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Elements of the French-speaking world and culture appear throughout the course, including people, geographical locations, and histories.</p>
Aventa HS Spanish III A	<p>Spanish III A is a continuation of the first two years of Spanish instruction. The student will continue to sharpen his listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: feelings, transportation, work, countries, and the future. The student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, past-tense verbs, articles, and adjectives. Elements of the Spanish-speaking world and culture appear throughout the course, including people, geographical locations, and histories.</p> <p>Content in Connections Education courses is accessible to all learners in a variety of ways. Our personalized instruction may include text readers, closed captioning, or an illustrative script. For more information or accessibility support, please call (888) 639-5960 .</p>
Aventa HS Spanish III B	<p>Spanish III B is a continuation of the first two and a half years of Spanish instruction. The student will continue to sharpen his listening, speaking, reading, and writing skills through a variety of activities. Throughout the five topics covered in this course, the student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, past-tense verbs, future-tense verbs, conditional-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Elements of the Spanish-speaking world and culture appear throughout the course, including people, geographical locations, and histories.</p>
Biology A	<p>Biology A is designed to give the student a strong basis for understanding the world. The course consists of a varied curriculum that provides the student the opportunity to explore, compare, research, reflect, and make real-world connections. The curriculum, which meets Next Generation Science Standards (NGSS), engages students in problem-solving and scientific investigation and provides opportunities for both hands-on exploration and virtual simulation.</p> <p>During this course, the student will study the science of life. The student will explore the idea that living things are extremely diverse in form, yet are unified by certain core characteristics that they all share. In learning about these core characteristics, the student will be able to critically evaluate data and information related to biological problems, connect many ideas to the student's own life, and see the world in a new way.</p>

Biology B	<p>Biology B is designed to give the student a strong basis for understanding the world. The course consists of a varied curriculum that provides the student the opportunity to explore, compare, research, reflect, and make real-world connections. The curriculum, which meets Next Generation Science Standards (NGSS), engages students in problem-solving and scientific investigation and provides opportunities for both hands-on exploration and virtual simulation.</p> <p>During this course, the student will study the science of life. The student will explore the idea that living things are extremely diverse in form, yet are unified by certain core characteristics that they all share. In learning about these core characteristics, the student will be able to critically evaluate data and information related to biological problems, connect many ideas to the student's own life, and see the world in a new way.</p>
Business Applications - Single Semester	<p>Business Applications prepares students to succeed in the workplace. Students begin by establishing an awareness of the roles essential to an organization's success, and then work to develop an understanding of professional communications and leadership skills. In doing so, students gain proficiency with word processing, email, and presentation management software.</p> <p>This course allows students to explore careers in business while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create, analyze, and critique reports, letters, project plans, presentations, and other professional communications. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities that are of interest to them.</p>
Calculus A	<p>Calculus A introduces limits, differentiation, and applications of differentiation. The student will find and evaluate finite and infinite limits graphically, numerically, and analytically. The student will find derivatives using a variety of methods including the chain rule and implicit differentiation. Then the student will use the first derivative test and the second derivative test to analyze and sketch functions. Finally, the student will find derivatives using a variety of methods including substitution.</p> <p>The use of a graphing calculator is considered an integral part of the course and the student will use a graphing calculator throughout this course.</p>
Calculus B	<p>Calculus B introduces integration of functions, differential equations, and applications of integration. The student will calculate antiderivatives using a variety of methods including substitution. The student will evaluate integrals using a variety of methods including numerical integration. Then the student will understand and apply Riemann sums, definite integrals, and the Fundamental Theorem of Calculus. In particular, the student will differentiate and integrate logarithmic, exponential, and inverse trigonometric functions. The student will solve simple differential equations, which can be solved by separation of variables, and use the calculations to solve applied problems. The student will use integration to determine the area between two curves, volume, and surface area. Finally, the student will apply integration to determine work, center of mass, and fluid force.</p> <p>The use of a graphing calculator is considered an integral part of the course and the student will use a graphing calculator throughout this course.</p>
Career Planning and Skill Development	<p>As a high school student, it may seem like entering the workforce is right around the corner. It's important that you're prepared. The Career Planning and Skill Development course will introduce you to the workforce by having you explore your interests, values, and skills. Knowing yourself better in this way will help you plan for your future career. As part of this planning process, you will learn about a variety of career fields—from business, to education, to public service. Many career fields may interest you. The course also teaches you the important task of finding a job. You will learn how to write a cover letter and resume, fill out a job application, and act in an interview. You will learn the qualities of a successful employee, and additional career-related skills, such as problem-solving and communication.</p>

Chemistry A	<p>In this first of two courses that comprise Chemistry, the student will explore the fundamental concepts of chemistry, while engaging in hands-on and virtual lab experiments, and interdisciplinary problem-solving activities.</p> <p>The student will build on prior knowledge to learn how to model the structure of an atom, analyze the periodic table of elements, identify simple chemical reactions and investigate particulate electrical forces. The course provides many opportunities for the student to apply these concepts to real-world situations.</p>
Chemistry B	<p>In this second of two courses that comprise Chemistry, the student will explore the fundamental concepts of chemistry, while engaging in hands-on and virtual lab experiments, and interdisciplinary problem-solving activities.</p> <p>The student will build on prior knowledge to learn about how energy is transformed in chemical reactions, construct explanations of how energy and matter are related, apply the conservation of mass to calculate and compare quantities of substances in reactions, and develop models of nuclear processes.</p>
College Prep with ACT	<p>This course will help the student navigate through the Shmoop ACT Exam Prep Web site, access two full ACT® practice tests, and learn the necessary skills in order to take the ACT test. This course also includes several lessons on other critical aspects of preparing for college, including developing a college resume, writing effective personal essays, and requesting letters of recommendation.</p> <p>This course is intended to prepare the student to take the ACT test. As the student works through the course, he will focus on learning more about his strengths and weaknesses as well as learn test-taking strategies that are specific to the ACT test. That way, when the student takes the actual test, the scores will be a good representation of the student's abilities.</p> <p>Finally, the student will submit a College Planning Portfolio, which will reflect the areas for improvement that the student has identified throughout this course.</p>
College Prep with SAT	<p>This course will help the student navigate through the Official SAT Practice on the Khan Academy website, access four full SAT practice tests and multiple practice quizzes, and learn the necessary skills in order to be well-prepared to take the SAT test. This course also includes several lessons on other critical aspects of preparing for college, including developing the college resume, writing effective personal essays, and requesting letters of recommendation.</p> <p>This course is intended to prepare the student to take the SAT test. As the student works through the course, he will focus on learning more about his strengths and weaknesses as well as learn test-taking strategies that are specific to the SAT test. That way, when the student takes the actual test, the scores will be a good representation of the student's abilities.</p> <p>Finally, the student will submit a College Planning Portfolio, which will reflect the areas for improvement that the student has identified throughout this course.</p>
Consumer Math A	<p>This is the first of two courses that comprise Consumer Math. In this course, the student will learn that money is lost or gained depending upon the information a consumer has to help him make informed decisions. Retailers, banks, and credit card companies may not provide consumers with all the information they need to make good decisions. By the end of this course, the student will understand the history of money, define fixed costs and discretionary spending, understand the importance of savings, and recognize the dangers of debt. This course will ask the student to look hard at his financial choices including spending patterns, purchasing motivations, and how to make some difficult decisions.</p>
Consumer Math B	<p>This is the second of two courses that comprise Consumer Math. In this course, students will continue to learn how to make good financial decisions. Retailers, banks, and credit card companies may not provide consumers with all the information they need to make good decisions. By the end of this course, the student will differentiate between secured and unsecured debt, learn how to create a budget, examine a credit report, and discover the best way to increase income and decrease expenses. This course will provide the student with the skills to make good financial decisions.</p>

Driver's Education	<p>In this course, the student will learn the fundamental skills for responsible driving. This course emphasizes the mechanics of driving, execution of driving operations, and rules of safe driving. The student will identify and recognize traffic laws, signs and other markings, and basic checks on a vehicle. In addition, the student will learn the rules for sharing the roadway, responding to weather conditions, and other vehicle emergencies.</p>
Earth Science A	<p>Earth Science A is designed to give the student a strong basis for understanding the world. The course consists of a varied curriculum that provides the student the opportunity to explore, compare, research, reflect, and make real-world connections. The curriculum, which meets Next Generation Science Standards (NGSS), engages students in problem solving and scientific investigation, and provides opportunities for both hands-on exploration and virtual simulation.</p> <p>During this course, the student will learn about natural resources and explore issues surrounding human management of resources. Topics of study include water resources, energy resources, and rock, mineral, and land resources. The student will investigate the impact of resource consumption on humans and the environment. The student will also explore Earth's processes of rock and mineral formation and plate tectonics.</p>
Earth Science B	<p>Earth Science B is designed to give the student a strong basis for understanding the world. The course consists of a varied curriculum that provides the student the opportunity to explore, compare, research, reflect, and make real-world connections. The curriculum, which meets Next Generation Science Standards (NGSS), engages students in problem solving and scientific investigation, and provides opportunities for both hands-on exploration and virtual simulation.</p> <p>During this course, the student will learn about space sciences, including topics like the sun and stars, orbital motion, galaxies, and the universe. The student will also explore Earth's processes involving the atmosphere, hydrosphere, and geosphere. Topics of study include meteorology and geologic history.</p>
Economics	<p>Economics provides an introduction to the concepts of both macro- and microeconomics. Students explore topics such as scarcity, opportunity cost, and supply and demand. The course provides an overview of the free market and centrally planned economies, as well as how government influences economics. Students will also explore business and labor, money, banking, and finance. Economics introduces students to economic growth, development, and challenges in both the U.S. and the global economies.</p>
English 10 A (Honors)	<p>This is the first of two courses that comprise English 10 Honors. In this course, the student will study the literature of the Americas, Europe, and Africa. In reading and responding to these selections, the student will gain an understanding of and appreciation for both the unique experiences of people from other cultures and the common themes that run through the human experience regardless of culture. Writing instruction focuses on analysis, exposition, and narrative writing with expanded opportunities for creative and fiction writing. An increased focus on higher-order thinking, literary analysis, and vocabulary studies differentiates this course from its standard-level equivalent.</p>
English 10 A (Standard)	<p>This is the first of two courses that comprise English 10. In this course, the student will explore the timeless themes of world literature, including works from the Americas, Europe, and Africa. In reading these diverse selections, the student will gain a thorough understanding of fiction genres, including classics, contemporary fiction, poetry, and drama. The student will also read Mark Twain's <i>Adventures of Huckleberry Finn</i>. John Steinbeck's novella <i>Of Mice and Men</i> may be read instead of <i>Adventures of Huckleberry Finn</i>. In reading these American literature selections and creating a multimedia presentation, the student will understand longer works of literature in their historical and literary context. Writing instruction guides the student through the process of composing expository and analytical essays. It also provides opportunities for the student to write creatively; the student will compose a short story and poem.</p> <p>Throughout the course, the student expands his vocabulary in context. The mastery of both critical vocabulary and grammar skills helps the student become a more thoughtful and effective reader and writer.</p>

English 10 B (Honors)	<p>This is the second of two courses that comprise English 10 Honors. In this course, the student will study the literature of the Middle East, South Asia, East Asia, and the Pacific Rim. In reading and responding to these selections, the student will gain an understanding of and appreciation for both the unique experiences of people from other cultures and the common themes that run through the human experience regardless of culture. Writing instruction focuses on description, exposition, research, persuasion, and literary analysis. An increased focus on higher-order thinking, literary analysis, and vocabulary studies differentiates this course from its standard-level equivalent.</p>
English 10 B (Standard)	<p>This is the second of two courses that comprise English 10. In this course, the student will continue to explore the timeless themes of world literature, including works from Europe, the Middle East, Asia, and the Pacific Rim. In reading these diverse selections, the student will gain a thorough understanding of fiction genres, including classics, contemporary fiction, poetry, and drama. The student will also read Oscar Wilde's play <i>The Importance of Being Earnest</i>. George Bernard Shaw's play <i>Pygmalion</i> may be read instead of <i>The Importance of Being Earnest</i>. In reading these British plays and composing a dramatic scene, the student will understand drama in its historical and literary context.</p> <p>Writing instruction guides the student through the process of composing a descriptive portrait, a research paper, and a persuasive speech. Throughout the course, the student expands his vocabulary in context. The mastery of both critical vocabulary and grammar skills helps the student become a more thoughtful and effective reader and writer.</p>
English 10 Foundations A	<p>This is the first of two courses that comprise English 10. In this course, the student will take an in-depth look at a variety of literature selections from all over the world, from the Americas to Africa. In reading and responding to these diverse selections, the student will gain a thorough understanding of fiction and nonfiction genres, including short stories, essays, poetry, and drama. The Student will learn a variety of literary terms in order to analyze the works of literature. The student will also read a novel in depth. Writing instruction focuses on narrative, compare/contrast, and expository writing but also provides opportunities for the student to write about topics that interest them. Increased practice and preparation is given to students in order ensure achievement of rigorous learning.</p>
English 10 Foundations B	<p>This is the second of two courses that comprise English 10. In this course, the student will continue to explore the timeless themes in world literature, including works from Europe, the Middle East, Asia, and the Pacific Rim. In reading these diverse selections, the student will gain a thorough understanding of fiction genres, including classics, contemporary fiction, poetry, and drama. Writing instruction guides students through the process of composing a descriptive portrait, a research paper, and a persuasive speech. Throughout the course, the student expands his or her vocabulary in context and gains skills in grammar. In addition, increased practice and preparation is given to students in order ensure achievement of rigorous learning.</p>
English 11 A (Honors) (Digital Only)	<p>This is the first of two courses that compose English 11. In this course, the student will focus on literary movements from American literature, and trace the chronology of national literature from the early American and colonial period through the periods of realism and regionalism. In reading these diverse selections, the student will gain a thorough understanding of fiction, including short stories, poetry and drama, as well as nonfiction genres, including the oral tradition, seminal historical documents, and speeches. The student will also read Lorraine Hansberry's play <i>A Raisin in the Sun</i>. Jerome Lawrence and Robert E. Lee's play <i>The Night Thoreau Spent in Jail</i> may be read instead of <i>A Raisin in the Sun</i>. In reading these American plays and composing a dramatic scene, the student will understand drama in its historical and literary context.</p> <p>Writing instruction guides the student through the process of composing a descriptive essay and modeling the style of an American author. Throughout the course, the student expands his vocabulary in context. The mastery of both critical vocabulary and grammar skills helps the student become a more thoughtful and effective reader and writer. The Honors course includes more rigorous curriculum and provides greater opportunities for the student to explore concepts, engage in independent research, and demonstrate critical thinking skills.</p>

English 11 A (Standard) (Digital Only)	<p>This is the first of two courses that compose English 11. In this course, the student will focus on literary movements from American literature, and trace the chronology of national literature from the early American and colonial period through the periods of realism and regionalism. In reading these diverse selections, the student will gain a thorough understanding of fiction, including short stories, poetry and drama, as well as nonfiction genres, including the oral tradition, seminal historical documents, and speeches. The student will also read Lorraine Hansberry's play <i>A Raisin in the Sun</i>. Jerome Lawrence and Robert E. Lee's play <i>The Night Thoreau Spent in Jail</i> may be read instead of <i>A Raisin in the Sun</i>. In reading these American plays and composing a dramatic scene, the student will understand drama in its historical and literary context.</p> <p>Writing instruction guides the student through the process of composing a descriptive essay and modeling the style of an American author. Throughout the course, the student expands his vocabulary in context. The mastery of both critical vocabulary and grammar skills helps the student become a more thoughtful and effective reader and writer.</p>
English 11 B (Honors) (Digital Only)	<p>This is the second of two courses that compose English 11. In this course, the student will focus on literary movements that from American literature, and trace the chronology of national literature from the Modernist through the contemporary period. In reading and responding to these diverse literature selections, the student will gain a thorough understanding of a myriad of fiction and nonfiction genres, including short stories, essays, poetry, drama, memoirs, and autobiographies. The student will also read Jhumpa Lahiri's novel <i>The Namesake</i>. F. Scott Fitzgerald's novel <i>The Great Gatsby</i> may be read instead of <i>The Namesake</i>. In reading these American literature selections, the student will understand longer works of literature in their historical and literary contexts.</p> <p>Writing instruction guides the students through the process of composing a literary analysis and a research paper. Throughout the course, the student expands his vocabulary in context. The mastery of both critical vocabulary and grammar skills helps the student become a more thoughtful and effective reader and writer. The Honors course includes more rigorous curriculum and provides greater opportunities for students to explore concepts, engage in independent research, and demonstrate critical thinking skills.</p>
English 11 B (Standard) (Digital Only)	<p>This is the second of two courses that compose English 11. In this course, the student will focus on literary movements that from American literature, and trace the chronology of national literature from the Modernist through the contemporary period. In reading and responding to these diverse literature selections, the student will gain a thorough understanding of a myriad of fiction and nonfiction genres, including short stories, essays, poetry, drama, memoirs, and autobiographies. The student will also read Jhumpa Lahiri's novel <i>The Namesake</i>. F. Scott Fitzgerald's novel <i>The Great Gatsby</i> may be read instead of <i>The Namesake</i>. In reading these American literature selections, the student will understand longer works of literature in their historical and literary contexts.</p> <p>Writing instruction guides the student through the process of composing a literary analysis and a research paper. Throughout the course, the student expands his vocabulary in context. The mastery of both critical vocabulary and grammar skills helps the student become a more thoughtful and effective reader and writer.</p>
English 11 Foundations A (Digital Only)	<p>This is the first of two courses that compose English 11 Foundations. In this course, the student will take an in-depth look at a variety of literature selections. Students will engage in reading both fiction and nonfiction genres, including short stories, an essay, a memoir, poetry, and drama. The student will also read a play during this course entitled <i>A Raisin in the Sun</i>. This selection immerses the student into a family drama that takes place in post-World War II Chicago. This three-act play highlights the hopes of an African American family as they struggle to attain the American dream. This course also provides writing instruction focusing on descriptive writing and developing alternate endings. Additionally, the student will learn strategies to improve writing a timed response.</p>
English 11 Foundations B (Digital Only)	<p>This is the second of two courses that compose English 11 Foundations. In this course, the student will take an in-depth look at a variety of literature selections, including short stories, an autobiography, speeches, and poetry. The student will also read a novel during this course entitled <i>The Namesake</i>. This selection introduces the student to the third-person omniscient narrative technique and other techniques such as symbolism and realism. In addition to the literary selections, the student will also receive writing instruction focusing on expository writing. The student will learn to synthesize and organize information when developing a writing piece.</p>

English 12 A (Honors)	This is the first of two courses that comprise English 12A Honors. In this course, the student will take an in-depth look at a variety of types of English Literature that span from the Anglo-Saxon and Medieval Periods through the Restoration and the Enlightenment. In reading and responding to these selections, the student will gain an understanding of fiction and nonfiction genres including poetry, short stories, essays, and drama through examining their historical and cultural contexts, as well as specific literary elements. The student will also read Shakespeare's <i>Macbeth</i> , exploring elements of drama and common themes of the Renaissance. Writing instruction will focus on expository and creative writing, but also provides opportunities for the student to write personal responses to literature. Grammar instruction will focus on verbs and pronouns, as well as clauses and sentence structure.
English 12 A (Standard)	This is the first of two courses that comprise English 12. In this course, the student will take an in-depth look at early British literature from 449 to 1798 and will examine literary forms including the epic, poetry, drama, and the essay. The student will also read longer selections of literature that are representative of the historical setting, including Shakespeare's <i>Macbeth</i> . The student will read to gain an understanding and appreciation of the historical context from which the literature arose. Vocabulary development and mastery of critical grammar and communication skills prepare the student for writing creative narratives, and expository and persuasive essays.
English 12 B (Honors)	This is the second of two courses that comprise English 12B Honors. In this course, students will continue to study English Literature of various genres, from the Romantic Period to the Modern Era. Through reading and responding to these selections, the student will gain further understanding of fiction and nonfiction including short stories, essays, and poetry. Students will have the opportunity to analyze the literature and its elements, as well as participate in discussions with their peers. Writing instruction will focus on the writing of a research paper and a poem based on characteristics of the Romantic Era. Grammar instruction will focus on pronouns and their antecedents.
English 12 B (Standard)	This is the second of two courses that comprise English 12. In this course, the student continues to explore a variety of literature selections from British literature, including well-known works. The student will learn strategies for reading lyric poetry and study the characteristics of reflective essays. The student will analyze poetry, short stories, and essays from the Romantic Period, Victorian Age, and Modern Era and will determine how the historical context affected the thematic material and writing style from each era. Writing instruction focuses on literary analysis, including in-depth instruction in the process of writing a research paper. This project teaches the student to critically analyze primary and secondary sources and to effectively support his ideas with information gathered from outside sources.
English 12 Foundations A	This is the first of two courses that comprise English 12. In this course, the student will take an in-depth look at early British literature from 449 to 1798 and will examine literary forms including the epic, poetry, drama, and the essay. The student will also read longer selections of literature that are representative of the historical setting, including Shakespeare's <i>Macbeth</i> . The student will read to gain an understanding and appreciation of the historical context from which the literature arose. Vocabulary development and mastery of critical grammar and communication skills prepare the student for writing creative narratives, and expository and persuasive essays.
English 12 Foundations B	This is the second of two courses that comprise English 12. In this course, the student continues to explore a variety of British literature selections from the Romantic Period to the Modern Era. Students will examine how the historical, social, and cultural contexts of each period influence writers. Particular attention is given to the form and function of different types of literature, including poetry, fiction, and nonfiction. The readability of the online content and the support for the reading selections in this course have been modified to ensure that the course content is accessible for differing ability levels and meets the needs of diverse learners. The student will read Mary Shelley's novel <i>Frankenstein</i> . Jane Austen's novel <i>Pride and Prejudice</i> may be read instead of <i>Frankenstein</i> . In reading these British literature selections, the students will understand longer works of literature in their historical and literary context. Writing instruction guide the student through the process of composing a research paper and a literary analysis. Throughout the course, the student expands his vocabulary in context. The mastery of both critical vocabulary and grammar skills helps the student become a more thoughtful and effective reader and writer.

English 9 A (Honors)	<p>This is the first of two courses that comprise Honors English 9. In this course, the student will take an in-depth look at a variety of literature selections. In reading these diverse selections, the student will gain a thorough understanding of fiction and nonfiction genres, including short stories, essays, poetry, and drama. The student will also read Stephen Crane's <i>The Red Badge of Courage</i>. This selection enables the student to explore universal themes and make connections between the characters' experiences and his own. Harper Lee's <i>To Kill a Mockingbird</i> may be read instead of <i>The Red Badge of Courage</i>. Writing instruction focuses on analytical and expository writing but also provides opportunities for the student to write creatively.</p> <p>The Honors course includes more rigorous curriculum and provides greater opportunities for students to explore concepts, engage in independent research, and demonstrate critical thinking skills.</p>
English 9 A (Standard)	<p>This is the first of two courses that comprise English 9. In this course, the student will take an in-depth look at a variety of literature selections. In reading and responding to these diverse selections, the student will gain a thorough understanding of fiction and nonfiction genres, including short stories, essays, poetry, and drama. The student will also read Jack London's <i>The Call of the Wild</i>. This selection enables the student to explore universal themes and make connections between the characters' experiences and his own. Harper Lee's <i>To Kill a Mockingbird</i> may be read instead of <i>The Call of the Wild</i>. Writing instruction focuses on analytical and expository writing but also provides opportunities for the student to write creatively.</p>
English 9 B (Honors)	<p>This is the second of two courses that comprise Honors English 9. In this course, the student continues to explore a variety of literature selections from world literature. The student will learn strategies for reading epic poetry and study the characteristics of suspense stories. Also, the student will analyze the elements of drama as he reads William Shakespeare's <i>Romeo and Juliet</i>. George Orwell's <i>Animal Farm</i> may be read instead of <i>Romeo and Juliet</i>.</p> <p>Writing instruction focuses on analytical and expository writing, including in-depth instruction in the process of writing a research paper. This project teaches the student to critically analyze primary and secondary sources and to effectively support his ideas with information gathered from outside sources.</p> <p>The Honors course includes more rigorous curriculum and provides greater opportunities for students to explore concepts, engage in independent research, and demonstrate critical thinking skills.</p>
English 9 B (Standard)	<p>This is the second of two courses that comprise English 9. In this course, the student continues to explore a variety of literature selections from world literature, including well-known works. The student will learn strategies for reading epic poetry and study the characteristics of suspense stories. Also, the student will analyze the elements of drama as he reads William Shakespeare's <i>Romeo and Juliet</i>. George Orwell's <i>Animal Farm</i> may be read instead of <i>Romeo and Juliet</i>.</p> <p>Writing instruction focuses on analytical and expository writing including in-depth instruction in the process of writing a research paper. This project teaches the student to critically analyze primary and secondary sources and to effectively support his ideas with information gathered from outside sources.</p>
English 9 Foundations A	<p>This is the first of two courses that comprise English 9 Foundations. In this course, the student will take an in-depth look at a variety of literature selections. In reading and responding to these diverse selections, the student will gain a thorough understanding of fiction and nonfiction genres, including short stories, essays, and poetry. The student will also read Jack London's <i>The Call of the Wild</i>. This selection enables the student to explore universal themes and make connections between the characters' experiences and his own. Harper Lee's <i>To Kill a Mockingbird</i> may be read instead of <i>The Call of the Wild</i>. Writing instruction focuses on analytical and expository writing but also provides opportunities for the student to write creatively.</p> <p>The level of support for the reading selections and writing assignments in this course has been modified to ensure that the course content is accessible for students of differing ability levels and meets the needs of diverse learners.</p>

English 9 Foundations B	<p>This is the second of two courses that comprise Basic English 9. In this course, the student continues to explore a variety of literature selections from world literature. The student will learn strategies for reading epic poetry and study the characteristics of suspense stories. Also, the student will analyze the elements of drama as he reads William Shakespeare's <i>Romeo and Juliet</i>. George Orwell's <i>Animal Farm</i> may be read instead of <i>Romeo and Juliet</i>.</p> <p>Writing instruction focuses on analytical and expository writing, including in-depth instruction in the process of writing a research paper. This project teaches the student to critically analyze primary and secondary sources and to effectively support his ideas with information gathered from outside sources.</p> <p>The level of support for the reading selections and writing assignments in this course has been modified to ensure that the course content is accessible for students of differing ability levels and meets the needs of diverse learners.</p>
Explorations in Mathematics A	<p>This is the first of two courses that comprise Explorations in Mathematics. This course is designed to provide the student with a solid mathematics foundation. The student will explore properties of rational numbers including divisibility patterns, prime factorization, greatest common factor, and least common multiple. The student will add, subtract, multiply, and divide rational numbers. Then, the student will identify and solve expressions and equations using variables. Finally, the student will use properties, including the Associative Property, Commutative Property, and Distributive Property, to solve and simplify equations.</p>
Explorations in Mathematics B	<p>This is the second of two courses that comprise Explorations in Mathematics. This course is designed to provide the student with a solid mathematics foundation. The student will be introduced to the properties of equality to solve one-step and multi-step equations. Then, the student will explore absolute value and how to compare values using absolute value. The student will examine the applications of one-step and multiple step equations. Finally, the student will be introduced to probability and statistics concepts including direct and inverse variation, mean, median, mode, counting principle, permutations, and combinations.</p>
Exploring Music III	<p>Designed for students in grades 6–8, this course enhances the student's knowledge of musical cultures as he or she discovers a musical identity. Aligning to the National Core Arts Standards, this course provides the student with engaging opportunities to combine musical knowledge with an exploration of different art forms to create new personal works. The student will apply foundational knowledge of music to a variety of musical styles and cultures. With audio, visual, and interactive technologies, this course provides a unique and advanced learning experience. Exploring Music I and Exploring Music II are prerequisites for this course.</p>
French III A	<p>French III A is a continuation of the first two years of French instruction. The student will continue to improve his listening, speaking, reading, and writing skills through a variety of activities. The course is organized into five topics: feelings, transportation, work, countries, and the future. Throughout this course, the student will build on his previous French knowledge. The student will learn additional vocabulary, verb tenses, and grammatical structures that are appropriate to his level. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Exposure to the culture of France and other French-speaking countries can be found throughout the course in order to help the student understand French, which is a dynamic language that is used by millions of people throughout the world.</p>
French III B	<p>French III B is a continuation of the first two and a half years of French instruction. The student will continue to sharpen his listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: health, home, measurement, professions, and my history. The student will learn to express himself using an ever-increasing vocabulary, verbs in various tenses, articles, and adjectives. The student will review all verb tenses, including present tense, past tense, future tense, conditional tense, the passive voice, imperative verbs, and more. The student will learn to use two-object pronouns and review grammar from previous French instruction. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Elements of the French-speaking world and culture appear throughout the course, including people, geographical locations, and histories. The student will also learn about the various countries where French is spoken.</p>

French IV A	<p>French IV A continues to build on the skills the student has mastered in his previous French courses. The student will continue to sharpen his listening, speaking, reading, and writing skills through a variety of activities. Throughout the five topics in the course, the student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, past-tense verbs, future-tense verbs, conditional-tense verbs, subjunctive mood, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. The course is rich in authentic reading material and native-speaker recordings and presentations to enrich culture, grammar, and vocabulary presentations. Elements of the French-speaking world and culture appear throughout the course, including people, geographical locations, and histories.</p>
French IV B	<p>This course is a continuation of the first three and a half years of French instruction. The student will continue to sharpen his listening, speaking, reading, and writing skills through a variety of activities. Throughout the five topics in this course, the student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, past-tense verbs, future-tense verbs, conditional-tense verbs, subjunctive mood, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. The course is rich in authentic reading material and native-speaker recordings and presentations to enrich culture, grammar, and vocabulary presentations. Elements of the French-speaking world and culture appear throughout the course, including people, geographical locations, and histories.</p>
Freshman Success	<p>The Freshman Success course aids students in a successful transition to high school. The courses units include Resources, Integrity, High School 101, Strategies for Success, and College and Career Readiness.</p> <p>The following are the course objectives:</p> <ul style="list-style-type: none"> Get to know available high school resources and support system Realize the importance of conducting oneself with integrity Understand why it is important to graduate from high school Identify and practice some general strategies that will contribute to success Learn about next steps after high school Get started on the right foot
GDP: Environmental Science A	<p>This is the first of two courses that comprise Environmental Science. This course offers the student an opportunity to gain an understanding of the concepts fundamental to environmental science. These concepts are keys that will help unlock our abilities to safeguard resources, manage waste, reduce pollution, protect the food chain, adapt to changing fuel needs, and champion our planet on all levels – from the conscientious management of the smallest household to the protection of the largest biospheres.</p>
GDP: Environmental Science B	<p>This is the second of two courses that comprise Environmental Science. This course offers the student an opportunity to gain an understanding of the concepts fundamental to environmental science. These concepts are keys that will help unlock our abilities to safeguard resources, manage waste, reduce pollution, protect the food chain, adapt to changing fuel needs, and champion our planet on all levels — from the conscientious management of the smallest household to the protection of the largest biospheres.</p>
GDP: Health, Fitness, and Nutrition	<p>In the Health, Fitness, and Nutrition course, the student will study a variety of health-related topics and learn the benefits of fitness. The student will gain a new awareness of his own fitness level and nutritional needs. The student will also learn how to adopt long-term, healthy habits and lifestyle changes to improve and inspire his overall state of well being. This course will also teach the student how fitness can influence one's self image and will help him to understand the value of respecting his own body. The student will explore the dangers of alcohol and drug use and develop social strategies to avoid peer pressure. The student will also examine such things as eating disorders, prevention of injury, reproductive health, and first aid.</p>

GDP: Health, Fitness, and Nutrition A

This is the first of two courses that comprise Health, Fitness, and Nutrition. In this course, the student will study a variety of health-related topics and learn the benefits of fitness. The student will gain a new awareness of his own fitness level and nutritional needs. The student will also learn how to adopt long-term, healthy habits and lifestyle changes to improve and inspire his overall state of well being.

This course will also teach the student how fitness can influence one's self image and will help him to understand the value of respecting his own body. The student will explore the dangers of alcohol and drug use and develop social strategies to avoid peer pressure. The student will also examine such things as eating disorders, prevention of injury, and first aid.

GDP: Health, Fitness, and Nutrition B

In the Health, Fitness, and Nutrition course, the student will study a variety of health-related topics and learn the benefits of fitness. The student will gain a new awareness of his own fitness level and nutritional needs. The student will also learn how to adopt long-term, healthy habits and lifestyle changes to improve and inspire his overall state of well being. This course will also teach the student how fitness can influence one's self image and will help him to understand the value of respecting his own body. The student will explore the dangers of alcohol and drug use and develop social strategies to avoid peer pressure. The student will also examine such things as eating disorders, prevention of injury, reproductive health, and first aid.

Geography (World Geography)

Geography develops students' comprehension of the geographical concepts and skills needed to acquire information and systematically apply decision-making processes to real-life situations. Students will acquire an understanding of multiculturalism and the relationships between people and their environment. Geography explores the world's cultural regions by examining location, physical characteristics, demographics, historical changes, economic activity, and land use.

Geography and Society

In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into strong geographical thinkers. The course will focus on several overarching themes, including global migration patterns, physical land characteristics, resource distribution, and cultural identities. Geographical information is presented in close alignment with national and state standards. Daily instruction supports student learning of core geography concepts as well as critical thinking and literacy skills. Students will read and interpret case studies and other text assets in order to analyze different perspectives on various economic and political issues that affect the study of geography. Students are encouraged to read and analyze maps to gain a greater understanding of the measurement and data collection tools used in the field of geography. Instruction is presented in two modes: Peer Model and 21st Century. Peer Model videos throughout provide illustrations of a peer learning how to use and apply the target geographic skill. 21st Century instruction further illustrates the connection of geographical concepts to the real world while supporting students' development of skills, knowledge, and expertise they must master to succeed in work and life. Students are encouraged to listen critically, critique the reasoning of others, and justify their own solutions. Check-In and Practice activities allow students to review key concepts and apply what they have learned to real-world situations. Together the course elements ensure the student grows as a geographical thinker and masters the skills to succeed in work and life.

Geometry A

This is the first of two courses that comprise Geometry. Throughout the course, the student will use virtual manipulatives and tools to explore the principles of logic, proofs, and constructions. The student will use the midpoint and distance formulas to solve a variety of problems involving the coordinate plane. The student will also study parallel and perpendicular lines, including special angle pairs. The student will explore transformations in the coordinate plane and apply them to other geometrical concepts. This course will conclude with the use of triangle concepts to find angle measures, prove triangles congruent, and discover relationships within one and two triangles. Throughout the course, the student will learn concepts through a variety of instructional strategies, solve real-world applications, and complete an assortment of activities.

Geometry B	<p>This is the second of two courses that comprise Geometry. Throughout the course, the student will use virtual manipulatives and tools to explore area, surface area, and volume, and study the concept of similarity as it relates to various figures. The student will begin with an exploration of polygons, with a focus on different types of quadrilaterals. The student will use Trigonometry and right triangle concepts, such as 30-60-90, 45-45-90, and the Pythagorean Theorem to solve problems. The student will learn to use formulas to find the areas of a variety of two-dimensional shapes. This course concludes with an exploration of concepts related to circles, such as arcs, angles, and intersecting lines such as chords, secants, and tangents.</p> <p>Throughout the course, the student will learn concepts through a variety of instructional strategies, solve real-world applications, and complete an assortment of activities.</p>
Geometry Foundations A	<p>This is the first of two courses that comprise geometry. Throughout the course, the student will use virtual manipulatives and tools to explore the principles of logic, proofs, and constructions. The student will use the midpoint and distance formulas to solve a variety of problems involving the coordinate plane. The student will also study parallel and perpendicular lines, including special angle pairs. The student will explore transformations in the coordinate plane and apply it to other geometrical concepts. This course will conclude with the use of triangle concepts to find angle measures, prove triangles congruent, and discover relationships within one and two triangles. Throughout the course, the student will learn concepts through a variety of instructional strategies, solve real-world applications, and complete an assortment of activities.</p>
Geometry Foundations B	<p>This course is the last of two that make up Geometry. In this course, the student will continue to work with and build upon previously learned geometric concepts. The student will begin with an exploration of polygons, with a particular focus on different types of quadrilaterals. Next, the student will investigate similarity among triangles, polygons, and a variety of other concepts. Additionally, the student will work with right triangles and trigonometry to determine missing angles and side measures. The student will also investigate the concepts of area, surface area, and volume. The course will conclude with an in-depth investigation of circles and their relevant properties.</p> <p>Throughout the course, the student will complete a variety of assessments and activities to help reinforce the concepts in each lesson. The student will also work with technology and online resources to practice this newly acquired knowledge.</p>
German I A	<p>This is a beginning level course that will introduce the student to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. Throughout the five units, or themes, of material (greetings, the date, weather, time, and colors), the student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is presented throughout the course to help the learner focus on the German-speaking world, people, geographical locations, and histories.</p>
German I B	<p>German I B is the second semester of a beginning level course that will introduce the student to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. Throughout the five units, or themes, of material (city, family, food, leisure time, and school and chores), the student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is presented throughout the course to help the learner focus on the German-speaking world, people, geographical locations, and histories.</p>
German II A	<p>German II A is an intermediate level course that will introduce the student to a variety of areas of language learning. In this course, the student will continue to learn listening, speaking, reading, and writing skills through a variety of activities. Throughout the five units, or themes, of material (daily routine, animals, pastimes, the body, and descriptions), the student will learn to express himself using an ever-increasing vocabulary, past-tense verbs, demonstrative articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is presented throughout the course to help the learner focus on the German-speaking world, people, geographical locations, and histories.</p>

German II B This course is a continuation of German II A. In this course, the student will continue to learn listening, speaking, reading, and writing skills through a variety of activities. Throughout the five units, or themes, of material (house, shopping, leisure, travel destinations, and flying), the student will learn to express himself using an ever-increasing vocabulary, past-tense verbs, dative expressions, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is presented throughout the course to help the learner focus on the German-speaking world, people, geographical locations, and histories.

German III A German III A is a continuation of the first two years of German instruction. In this course, the student will continue to learn and practice successful communication through speaking, writing, reading, and listening. Throughout the five units, or themes, of material (Die Gefühle, Der Verkehr, Bei der Arbeit, Land und Leute, and Die Zukunft), the student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is presented throughout the course to help the learner focus on the German-speaking world, people, geographical locations, and histories.

German III B This course is a continuation of German III A. In this course, the student will continue to learn and practice successful communication through speaking, writing, reading, and listening. This course presents material according to a specific theme, and the student will learn to express himself through a variety of activities using his ever-increasing vocabulary and grammar knowledge. Culture is presented throughout the course to help the learner focus on the German-speaking world, people, geographical locations, and histories.

High School Health This course provides the student with the opportunities to consider many influences on social, emotional, and physical health and well-being. The course covers information on healthy decisions, communication, goal setting and decision making, family dynamics, food and nutrition, substance abuse prevention, and prevention of STIs and HIV/AIDS. The student will also learn how to be a savvy consumer by being aware of consumer rights, techniques in advertising, and how to use checking and credit accounts responsibly.

Honors Algebra 1 A This course is the first of two that comprise Honors Algebra 1. In this course, the student will be exposed to higher-level mathematics. The student will begin by reviewing basic real number operations and properties before learning how to translate between verbal descriptions of real-life situations and data presented in tables, graphs, and equations. Next the student will solve multi-step equations and inequalities. The student will write and graph linear equations in various forms. Other topics in the course include sequences and series, absolute value, rate of change, and set notation. By the end of the course, the student will solve linear systems of equations and inequalities. Throughout the course, the student will solve real-world problems and model real-world scenarios.

Throughout the course, the student will be introduced to multiple problem-solving strategies and will be exposed to various technologies that can be utilized when solving algebra problems.

Honors Algebra 1 B This course is the second of two that comprise Honors Algebra 1. In this course, the student will explore additional concepts in higher-level mathematics. The student will review the properties of exponents before learning how to add, subtract, multiply, divide, and factor polynomials. Next the student will learn how to write, solve, and graph quadratic and radical functions. Other topics in the course include simplifying scientific notation, simplifying radicals, and rational expressions. The course also includes several lessons about data analysis, where the student will interpret histograms, calculate and interpret the measures of central tendency, and display data using box-and-whisker plots. Throughout the course, the student will solve real-world problems and model real-world scenarios.

Throughout the course, the student will be introduced to multiple problem-solving strategies and will be exposed to various technologies that can be utilized when solving algebra problems.

Honors Algebra 2 A In this first semester of Honors Algebra 2, the student will review and expand on their learning from previous math courses. This honors-level course will challenge the student to work at an accelerated pace and to take learning beyond what is required in the standard-level course. The beginning units will focus mostly on the equation and the inequality, which the student will write, solve, and graph in a variety of real-world scenarios. The last few units will focus on types of functions. The student will continue their study of quadratic functions from Algebra 1, but will expand this to include exponential and logarithmic functions. As before, the student will write, solve, and graph these functions. Use of a graphing calculator is encouraged.

Honors Algebra 2 B In this second semester of Honors Algebra 2, the students will strengthen his algebraic problem-solving abilities and deepen his understanding of mathematics. An emphasis will be placed on rigorous instruction to prepare students for success in higher-level mathematics courses like Statistics and Calculus. The student will, among other things, explore operations, graphs, and real-world applications related to both radical and rational functions, observe different types of geometric and arithmetic patterns, examine graphs and equations of conic sections, and calculate probabilities. The course will conclude with an introduction to trigonometry and its associated functions.

Honors American Government A In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into critical explorers of civics and American government. The course focuses on a variety of topics, including the Constitution, the structure and function of government, civil rights, and civil liberties. American Government instruction is presented in close alignment with national and state standards. Daily instruction supports student learning of core government and civics content as well as critical thinking and literacy skills. Instruction is presented in two modes: Peer Model, in which the student views a video of a peer learning how to use and apply the target skill or concept, and 21st Century, in which the student gains proficiency in the skills, knowledge, and expertise needed to succeed in work and life. Text assets and visual media are used frequently throughout the course to allow the student to gain experience in reading and interpreting data from a variety of sources. The student puts an inquiry-based approach into practice by working directly with these assets through the lens of unit and lesson themes as well as specific learning goals. Check-In and Practice activities allow the student to confirm understanding, resolve misconceptions, and apply their learning to new situations. Together the course elements ensure the student gains an awareness of the structure and function of American government, grows as a critical thinker and eventual participant in the political process, and masters the skills to succeed in work and life.

Honors American Government B In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into critical explorers of civics and American government. The course focuses on a variety of content areas, including forms of government, economic policy, political parties, culture, and the role of the media, and participation in the political process. Daily instruction supports student learning of core government and civics content as well as critical thinking and literacy skills. Instruction is presented in two modes: Peer Model, in which the student views a video of a peer learning how to use and apply the target skill or concept, and 21st Century, in which the student gains proficiency in the skills, knowledge, and expertise needed to succeed in work and life. Text assets and visual media are used frequently throughout the course to allow the student to gain experience in reading and interpreting data from a variety of sources. The student puts an inquiry-based approach into practice by working directly with these assets through the lens of unit and lesson themes as well as specific learning goals. Check-In and Practice activities allow the student to confirm understanding, resolve misconceptions, and apply their learning to new situations. Together the course elements ensure the student gains an awareness of the structure and function of American government, grows as a critical thinker and eventual participant in the political process, and masters the skills to succeed in work and life.

Honors American Government- Single Semester

In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into critical explorers of civics and American government. The course focuses on a variety of topic areas, including the Constitution, political precedence and philosophy, the formation of the republic, the structure and function of government, foundational economic thought, civil rights and civil liberties, and civics and political participation. American Government instruction closely aligns with national and state standards. Daily instruction supports student learning of core government and civics content, as well as critical thinking and literacy skills. Instruction is presented in two modes: Peer Model, in which the student views a video of a peer learning how to use and apply the target skill or concept; and 21st Century Skills, in which the student gains proficiency in the skills, knowledge, and expertise needed to succeed in life and work. Text assets and visual media are used frequently throughout the course to allow the student to gain experience in reading and interpreting data from a variety of sources. The student puts an inquiry-based approach into practice by working directly with these assets through the lens of unit and lesson themes as well as specific learning goals. Check-In and Practice activities allow the student to confirm understanding, resolve misconceptions, and apply their learning to new situations. Together the course elements ensure the student gains an awareness of the structure and function of American government, grows as a critical thinker and eventual participant in the political process, and masters the skills to succeed in life and work.

Honors Biology A

Honors Biology A is designed to give the student a strong basis for understanding the world. The course consists of a varied curriculum that provides the student the opportunity to explore, compare, research, reflect, and make real-world connections. The curriculum, which meets Next Generation Science Standards (NGSS), engages students in problem-solving and scientific investigation and provides opportunities for both hands-on exploration and virtual simulation.

During this course, the student will study the science of life. The student will explore the idea that living things are extremely diverse in form, yet are unified by certain core characteristics that they all share. In learning about these core characteristics, the student will be able to critically evaluate data and information related to biological problems, connect many ideas to the student's own life, and see the world in a new way. Throughout the course, the student will engage in activities to encourage critical thinking, including using multiple examples to generate broader generalizations, exploring an increased complexity of conceptual relationships, and studying content appropriate for college preparation studies.

Honors Biology B

Honors Biology B is designed to give the student a strong basis for understanding the world. The course consists of a varied curriculum that provides the student the opportunity to explore, compare, research, reflect, and make real-world connections. The curriculum, which meets Next Generation Science Standards (NGSS), engages students in problem-solving and scientific investigation and provides opportunities for both hands-on exploration and virtual simulation.

During this course, the student will study the science of life. The student will explore the idea that living things are extremely diverse in form, yet are unified by certain core characteristics that they all share. In learning about these core characteristics, the student will be able to critically evaluate data and information related to biological problems, connect many ideas to the student's own life, and see the world in a new way. Throughout the course, the student will engage in activities to encourage critical thinking, including using multiple examples to generate broader generalizations, exploring an increased complexity of conceptual relationships, and studying content appropriate for college preparation studies.

Honors Chemistry A

In this first of two courses that comprise Honors Chemistry, the student will explore the fundamental concepts of chemistry, while engaging in hands-on and virtual lab experiments, and interdisciplinary problem-solving activities.

The student will build on prior knowledge to learn how to model the structure of an atom, analyze the periodic table of elements, identify simple chemical reactions and investigate particulate electrical forces. The course provides many opportunities for the student to apply these concepts to real-world situations.

Honors Chemistry B	<p>In this second of two courses that comprise Honors Chemistry, the student will explore the fundamental concepts of chemistry, while engaging in hands-on and virtual lab experiments, and interdisciplinary problem-solving activities.</p> <p>The student will build on prior knowledge to learn about how energy is transformed in chemical reactions, construct explanations of how energy and matter are related, apply the conservation of mass to calculate and compare quantities of substances in reactions, and develop models of nuclear processes.</p>
Honors Earth Science A	<p>Honors Earth Science A is designed to give the student a strong basis for understanding the world. This course is also designed to prepare the student to confidently enter and complete college-level Earth Science courses. The course consists of a varied curriculum that provides the student the opportunity to explore, compare, research, reflect, and make real-world connections. The curriculum, which meets Next Generation Science Standards (NGSS), engages students in problem solving and scientific investigation, and provides opportunities for both hands-on exploration and virtual simulation.</p> <p>During this course, the student will learn about natural resources and explore issues surrounding human management of resources. Topics of study include water resources, energy resources, and rock, mineral, and land resources. The student will investigate the impact of resource consumption on humans and the environment. The student will also explore Earth's processes of rock and mineral formation and plate tectonics.</p> <p>In the honors-level course, the student will have opportunities to delve further into some topics and engage with enhanced assessments.</p>
Honors Earth Science B	<p>Honors Earth Science B is designed to give the student a strong basis for understanding the world. This course is also designed to prepare the student to confidently enter and complete college-level Earth Science courses. The course consists of a varied curriculum that provides the student the opportunity to explore, compare, research, reflect, and make real-world connections. The curriculum, which meets Next Generation Science Standards (NGSS), engages students in problem solving and scientific investigation, and provides opportunities for both hands-on exploration and virtual simulation.</p> <p>During this course, the student will learn about space sciences, including topics like the sun and stars, orbital motion, galaxies, and the universe. The student will also explore Earth's processes involving the atmosphere, hydrosphere, and geosphere. Topics of study include meteorology and geologic history.</p> <p>In the honors-level course, the student will have opportunities to delve further into some topics and engage with enhanced assessments.</p>
Honors Economics	<p>Economics provides an introduction to the concepts of both macro- and microeconomics. Students explore topics such as scarcity, opportunity cost, and supply and demand. The course provides an overview of the free market and centrally planned economies, as well as how government influences economics. Students will also explore business and labor, money, banking, and finance. Economics introduces students to economic growth, development, and challenges in both the U.S. and the global economies.</p>
Honors Geometry A	<p>This course is the first of two that comprise Honors Geometry. In this course, the student will explore geometry concepts and apply them to real-world problems. The student will begin by defining basic geometric terms, postulates, and theorems before learning how to apply them to parallel and perpendicular lines. Next, the student will learn about the different types of transformations and apply them to geometry. Finally, the student will explore relationships in triangles, quadrilaterals, and other polygons.</p> <p>Throughout the course, the student will be introduced to many higher mathematical concepts and applications.</p>

Honors Geometry B	<p>This course is the second of two that comprise Honors Geometry. In this course, the student will expand his or her knowledge of geometric relationships. The student will begin with an exploration of polygons, with a particular focus on different types of quadrilaterals. The student will also develop relationships between similar figures. Next, the student will be introduced to the trigonometric relationships in right triangles, and the area and volume of figures. Finally, the student will explore characteristics of circles. Throughout the course, the student will be introduced to many higher mathematical concepts and applications.</p>
Honors Physical Science A	<p>This is the first of two courses that comprise Honors Physical Science. Throughout the semester, the student will be introduced to a variety of basic concepts in the field of chemistry. The student will also be introduced to the forces and motion, including topics of Newton's laws and the conservation of momentum.</p> <p>This course consists of varied curriculum that provides the student the opportunity to use a scientific approach to problem-solving and making real-world connections. The student will investigate how matter is classified, explore the structure of an atom, identify groups within the periodic table, compare and contrast chemical reactions, study the properties of acids and bases and identify how to apply forces and motion to objects.</p>
Honors Physical Science B	<p>This is the second of two courses that comprise Honors Physical Science. Throughout the semester, the student will study a variety of essential physics concepts including energy of motion, energy and forces, thermal energy, non-contact forces, waves, and electromagnetic radiation. This course includes a variety of instructional strategies and provides the student the opportunity to use a scientific approach to problem-solving and making real-world connections. Honors Physical Science B includes hands-on explorations and virtual simulations to enhance the student's comprehension of key concepts.</p>
Honors Physics A	<p>Honors Physics A is designed to describe the physical world using a small number of basic assumptions, concepts, and equations. The course emphasizes relating physics to the everyday world. Physics A focuses on understanding motion. The student will explore the concepts involved with motion in one- and two-dimensions, forces, work and energy, momentum and collisions, circular motion and gravitation. The students will recognize the importance of the laws of thermodynamics.</p> <p>Approximately 40 percent of the course involves virtual laboratory investigations. Some activities will require ordinary household items such as rulers, meter sticks, balls or marbles, string, paper, and pencils.</p> <p>Throughout the course, the student will engage in activities to encourage critical thinking, including using multiple examples to generate broader generalizations, exploring an increased complexity of conceptual relationships, and studying content appropriate for college preparation studies.</p>
Honors Physics B	<p>Honors Physics B is designed to describe the physical world using a small number of basic assumptions, concepts, and equations. The course emphasizes relating physics to the everyday world. Physics B focuses on the characteristics of waves and describes the behavior of waves with emphasis on light and sound. The student will understand the relationship between electricity and magnetism. Finally, the student will gain a simple understanding of atomic physics.</p> <p>Approximately 40 percent of the course involves virtual laboratory investigations. Some activities will require ordinary household items such as rulers, meter sticks, balls or marbles, string, paper, and pencils.</p> <p>Throughout the course, the student will engage in activities to encourage critical thinking, including using multiple examples to generate broader generalizations, exploring an increased complexity of conceptual relationships, and studying content appropriate for college preparation studies.</p>

Honors Precalculus A

This is the first of two courses that comprise Honors Precalculus. In this course, the student will continue to study higher-level mathematics. The student will begin by reviewing the fundamental concepts in algebra that serve as building blocks for an in-depth study of functions and graphs. Next, the student will explore and analyze polynomial, rational, radical, exponential, logarithmic, and piecewise functions. The student will further delve into quadratics with a unit on the conic sections. Finally, the student will explore sequences and series.

A semester-long project will give the Honors Precalculus student the opportunity to apply math in an engineering setting. The student will devote time during each unit to work on this project and submit the final product before the semester review unit.

A content thread throughout the course focuses on ways mathematics is applied in the real world and is essential to everyday life. These real-world connections, combined with an emphasis on mathematical reasoning and critical thinking skills, prepare the student for future college and career opportunities.

Honors Precalculus B

This is the second of two courses that comprise Honors Precalculus. In this course, the student will continue to study higher-level mathematics. The student will expand knowledge of trigonometric concepts, including trigonometric functions and identities, before being introduced to polar coordinates and equations. Next, the student will explore vectors and parametric equations. Finally, the student will examine calculus concepts including limits and derivatives in preparation for studying calculus.

A semester-long project will give the Honors Precalculus student the opportunity to apply math in an engineering setting. The student will devote time during each unit to work on this project and submit the final product before the semester review unit.

A content thread throughout the course focuses on ways mathematics is applied in the real world and is essential to everyday life. These real-world connections, combined with an emphasis on mathematical reasoning and critical thinking skills, prepare the student for future college and career opportunities.

Honors United States History A/B

This course examines social, economic, historical, and political change in the United States from industrialization and westward expansion to recent events. This course also includes instruction on key founding documents and events instrumental to the birth of the United States. Through interactive activities, discussions, charts, timelines, primary sources, and maps, students will explore key events, patterns, and figures that shaped American history and culture. Students will evaluate important foundational documents such as the Declaration of Independence and the Constitution. The course will also investigate the changing relationship of the United States to the rest of the world. In-depth study of the cause and effect of important events will help students better understand the historical context of key developments. Students will receive instruction in analyzing essential historical documents through portfolio items and lesson activities. Readings and activities will assist students in comparing time periods and in developing historical reasoning and critical thinking skills. Through this course, students will gain a broader understanding of the relevance of American history to their lives as well as develop a better understanding of the impact of key events on American culture and society.

Honors World History
Beginnings to Present A

In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into critical explorers of historical context. The course focuses on several overarching themes, including human-environment interaction, development and interactions of societies, conflict, the expansion of belief systems, and ideas that would transform societies. Each unit's theme is reflected in a unit-level essential question. These include questions such as "Why do we study the past?" "How has religion transformed societies?" and "How are cultural achievements defined?" Essential questions throughout the instruction reinforce the unit level essential question and connect to the specific learning goals of the lesson. World History instruction is presented in close alignment with state and national standards. Daily instruction supports student learning of core historical content as well as critical thinking and literacy skills. Instruction is presented in two modes: Peer Model, in which the student views a video of a peer learning how to use and apply the target skill or concept, and 21st Century, in which the student gains proficiency in the skills, knowledge, and expertise needed to succeed in work and life. Text assets are used frequently throughout the course to provide the student with experience in reading and interpreting primary and secondary source documents. Excerpts may include scholarly papers as well as magazine and newspaper articles. The student puts an inquiry-based approach into practice by working directly with these assets through the lens of unit and lesson themes as well as specific learning goals. Check-In and Practice activities allow the student to confirm understanding, resolve misconceptions, and apply their learning to new situations. Together the course elements ensure the student grows as a critical thinker and interpreter of the multiple stories of history, and masters the skills to succeed in work and life.

Honors World History
Beginnings to Present B

In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into critical explorers of historical context. The course focuses on several overarching themes, including human-environment interaction, development and interactions of societies, conflict, the expansion of belief systems, and ideas that would transform societies. Each unit's theme is reflected in a unit-level essential question. These include questions such as "How do changing belief systems influence political, social, and economic structures?" "How has technology changed the world?" and "How does war transform societies?" Essential questions throughout the instruction reinforce the unit level essential question and connect to the specific learning goals of the lesson. World History instruction is presented in close alignment with state and national standards. Daily instruction supports student learning of core historical content as well as critical thinking and literacy skills. Instruction is presented in two modes: Peer Model, in which the student views a video of a peer learning how to use and apply the target skill or concept, and 21st Century, in which the student gains proficiency in the skills, knowledge, and expertise needed to succeed in work and life. Text assets are used frequently throughout the course to provide the student with experience in reading and interpreting primary and secondary source documents. Excerpts may include scholarly papers as well as magazine and newspaper articles. The student puts an inquiry-based approach into practice by working directly with these assets through the lens of unit and lesson themes as well as specific learning goals. Check-In and Practice activities allow the student to confirm understanding, resolve misconceptions, and apply their learning to new situations. Together the course elements ensure the student grows as a critical thinker and interpreter of the multiple stories of history, and masters the skills to succeed in work and life.

Honors World History 1450 to
Present A

In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into critical explorers of historical context. The course focuses on several overarching themes, including human-environment interaction, development and interactions of societies, conflict, the expansion of belief systems, and ideas that would transform societies. Each unit's theme is reflected in a unit-level essential question. These include questions such as "Why do we study the past?" "How has religion transformed societies?" and "How are cultural achievements defined?" Essential questions throughout the instruction reinforce the unit level essential question and connect to the specific learning goals of the lesson. World History instruction is presented in close alignment with state and national standards. Daily instruction supports student learning of core historical content as well as critical thinking and literacy skills. Instruction is presented in two modes: Peer Model, in which the student views a video of a peer learning how to use and apply the target skill or concept, and 21st Century, in which the student gains proficiency in the skills, knowledge, and expertise needed to succeed in work and life. Text assets are used frequently throughout the course to provide the student with experience in reading and interpreting primary and secondary source documents. Excerpts may include scholarly papers as well as magazine and newspaper articles. The student puts an inquiry-based approach into practice by working directly with these assets through the lens of unit and lesson themes as well as specific learning goals. Check-In and Practice activities allow the student to confirm understanding, resolve misconceptions, and apply their learning to new situations. Together the course elements ensure the student grows as a critical thinker and interpreter of the multiple stories of history, and masters the skills to succeed in work and life.

Honors World History 1450 to Present B

In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into critical explorers of historical context. The course focuses on several overarching themes, including human-environment interaction, development and interactions of societies, conflict, the expansion of belief systems, and ideas that would transform societies. Each unit's theme is reflected in a unit-level essential question. These include questions such as "How does war transform societies?" and "How has global interdependence shaped the world?" Essential questions throughout the instruction reinforce the unit-level essential question and connect to the specific learning goals of the lesson. World History instruction is presented in close alignment with state and national standards. Daily instruction supports student learning of core historical content as well as critical thinking and literacy skills. Instruction is presented in two modes: Peer Model, in which the student views a video of a peer learning how to use and apply the target skill or concept; and 21st Century Skills, in which the student gains proficiency in the skills, knowledge, and expertise needed to succeed in life and work. Text assets are used frequently throughout the course to provide the student with experience in reading and interpreting primary and secondary source documents. Excerpts may include scholarly papers as well as magazine and newspaper articles. The student puts an inquiry-based approach into practice by working directly with these assets through the lens of unit and lesson themes as well as specific learning goals. Check-In and Practice activities allow the student to confirm understanding, resolve misconceptions, and apply their learning to new situations. Together the course elements ensure the student grows as a critical thinker and interpreter of the multiple stories of history and masters the skills to succeed in life and work.

World History Beginnings to Present A

In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into critical explorers of historical context. The course focuses on several overarching themes, including human-environment interaction, development and interactions of societies, conflict, and the expansion of belief systems and ideas that would transform societies. Each unit's theme is reflected in a unit-level essential question. Essential questions throughout the instruction reinforce the unit level essential question and connect to the specific learning goals of the lesson. World History instruction is presented in close alignment with state and national standards. Daily instruction supports student learning of core historical content as well as critical thinking and literacy skills. Instruction is presented in two modes: Peer Model, in which students view a video of a peer learning how to use and apply the target skill or concept, and 21st Century, in which the student gains proficiency in the skills, knowledge, and expertise needed to succeed in work and life. Text assets are used frequently throughout the course to provide the student with experience in reading and interpreting primary and secondary source documents. Excerpts may include scholarly papers as well as magazine and newspaper articles. Students put an inquiry-based approach into practice by working directly with these assets through the lens of unit and lesson themes as well as specific learning goals. Check-In and Practice activities allow students to confirm understanding, resolve misconceptions, and apply their learning to new situations. Together the course elements ensure the student grows as a critical thinker and interpreter of the multiple stories of history, and masters the skills to succeed in work and life.

World History Beginnings to Present B

In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into critical explorers of historical context. The course focuses on several overarching themes, including human-environment interaction, development and interactions of societies, conflict, and the expansion of belief systems and ideas that would transform societies. Each unit's theme is reflected in a unit-level essential question. Essential questions throughout the instruction reinforce the unit level essential question and connect to the specific learning goals of the lesson. World History instruction is presented in close alignment with state and national standards. Daily instruction supports student learning of core historical content as well as critical thinking and literacy skills. Instruction is presented in two modes: Peer Model, in which students view a video of a peer learning how to use and apply the target skill or concept, and 21st Century, in which the student gains proficiency in the skills, knowledge, and expertise needed to succeed in work and life. Text assets are used frequently throughout the course to provide the student with experience in reading and interpreting primary and secondary source documents. Excerpts may include scholarly papers as well as magazine and newspaper articles. Students put an inquiry-based approach into practice by working directly with these assets through the lens of unit and lesson themes as well as specific learning goals. Check-In and Practice activities allow students to confirm understanding, resolve misconceptions, and apply their learning to new situations. Together the course elements ensure the student grows as a critical thinker and interpreter of the multiple stories of history, and masters the skills to succeed in work and life.

HS Japanese I A

Japanese I A is a beginning-level course that will introduce the student to a variety of areas of the Japanese language. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: greetings, the date, time, colors, and places. The student will learn to express himself using an ever-increasing vocabulary, present-form verbs, particles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. The student will also learn about the Japanese people, their culture, society, and history.

HS Japanese I B	Japanese I B is a beginning-level course that will introduce the student to a variety of areas of the Japanese language. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: family, weather, food, pastimes, and school. The student will learn to express himself using an ever-increasing vocabulary, present-form verbs, particles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. The student will also learn about the Japanese people, their culture, society, and history.
HS Japanese II A	This course builds on the skills the student learned in Japanese I. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: daily life, animals, activities, the body, and descriptions. The student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Throughout the course, the student will explore the Japanese people, their culture, lifestyle, geographical locations, and histories.
HS Japanese II B	This course is a continuation of Japanese II A. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: house, shopping, entertainment, spare time, and travel. The student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Throughout the course, the student will explore Japanese culture, people, lifestyle, geographical locations, and histories.
HS Spanish I A	Students cover basic vocabulary, grammar, spelling, and punctuation to build a solid foundation for further study. Assignments include engaging in simple conversation, writing paragraphs, and listening to Spanish dialogue. Students also study the history and culture of Spanish-speaking peoples.
HS Spanish I B	Students cover basic vocabulary, grammar, spelling, and punctuation to build a solid foundation for further study. Assignments include engaging in simple conversation, writing paragraphs, and listening to Spanish dialogue. Students also study the history and culture of Spanish-speaking peoples.
HS Spanish II A	As they engage in more advanced conversations, write paragraphs and stories, and translate to and from Spanish, students improve their vocabulary and grammar. Intense listening comprehension exercises aid in understanding more complex thoughts and subjects.
HS Spanish II B	As they engage in more advanced conversations, write paragraphs and stories, and translate to and from Spanish, students improve their vocabulary and grammar. Intense listening comprehension exercises aid in understanding more complex thoughts and subjects.
Human Development & Wellness	Human Development and Wellness is valuable for all students as a life foundation and academic enrichment; it is especially relevant for students interested in careers impacted by individuals' physical, social, emotional, and moral development and wellness across their lifespan. Major topics include principles of human development and wellness; impacts of family on human development and wellness; factors that affect human development and wellness; practices that promote human development and wellness; managing resources and services related to human development and wellness; and career exploration in human development and wellness. Life events and contemporary issues addressed in this course include (but are not limited to) change, stress, abuse, personal safety, and the relationships among lifestyle choices, health and wellness conditions, and diseases.
High School Computer Science A	Have you ever wondered how computers work? Have you wanted to know how programs are developed or even to create one yourself? In this course, you will begin by looking at the primary responsibilities of hardware and software and how they interact. You will also learn the basics of operating systems and how to implement optimization, abstraction, and algorithms in programming. Using the programming language Python, you will learn how to create a program using primitives, objects, control structures, and data structures. You will learn and apply troubleshooting, debugging, and using appropriate documentation. You will also use data collection and visualization tools to help interpret and understand the underlying data. This course will prepare you for further study in Computer Science.

High School Computer Science B	Have you ever wondered if computers can exchange information with other computers? Have you wanted to know how cybersecurity works? In this course, you will begin by looking at how computer networks function and what basic topologies are. In this course, you will also learn the basics of cybersecurity, including common threats, risks, solutions, and protection schemes. You will look at the impacts computing innovations have had on multiple aspects of society. You will learn about and apply common collaboration and communication tools to plan and complete projects. And, you will look at the current state and future of computer innovations, including its intersection with the law, artificial intelligence (AI), machine learning, and other future careers. This course will prepare you for further study in Computer Science.
Introduction to Computer Applications	Students progress to more sophisticated work in this course, including the use of electronic media and software to apply academic concepts in the creation of meaningful organizers, projects, and presentations. Students locate, retrieve, and evaluate data in order to construct and analyze databases. Students produce presentations on Internet safety, online predators, and cyberbullying. At the end of the course, students become effective communicators and collaborators as they plan, evaluate, and synthesize research emphasizing current issues with technology.
Introduction to Drawing	Learning to draw is like learning any new skill: it takes practice, practice, practice. Introduction to Drawing is a one-semester course for beginning and intermediate artists that provides training in the application of artistic processes and skills. In this course, you will learn the basics of line, contour, shading, texture, perspective, composition, and action drawing. You will examine artwork and demonstrate your newly learned skills by creating several original works of art and compiling a portfolio of your artwork.
Introduction to Graphic Design A	Can people communicate without using words? Do different colors invoke different emotions? Can artists use various textures to communicate a range of ideas? Absolutely! Designed to develop an understanding and appreciation for design, the Introduction to Graphic Design A course teaches the student to interpret visual representations and to communicate his or her own ideas and information graphically. By raising the student's awareness of design, this intermediate-level course establishes a strong foundation in the basic principles of graphic design. This course, the first in a two-semester series, introduces the student to scenarios that can be solved by applying creative techniques that yield innovative and effective design solutions. Though the course is structured around computer-assisted graphic design, the student will examine other types of design as well. The student will also learn to use Inkscape, an image-editing program that is provided, and will create several design compositions using this program.
Introduction to Graphic Design B	Understanding the history of any area of study is important to learning about and appreciating society today. In Introduction to Graphic Design B, the second course in a two-semester series, the student will be introduced to the history of design and how various design movements have contributed to the field of design. The student will get answers to questions such as "What role does design play in society?" and "How does the field of design relate to other facets of society?" Understanding where the field of design comes from will help the student to appreciate the aesthetics and purposes for design today. In addition, this course expands on foundational knowledge in the basic principles of graphic design. The student will learn to communicate visually through effective layout and interface design. The student will also be introduced to appropriate techniques for the evaluation of art and design. Though the course is structured around computer-assisted graphic design, the student will examine other types of design as well. The student will learn to use Inkscape, an image-editing program that is provided for him or her, and will create several design compositions using this program.
Living Music I	Designed for students in grades 9-12, this course teaches fundamental musicianship skills from a Western-Classical approach, while aligning to National Core Arts Standards. The course challenges the student to improve listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, the course provides a unique and advanced learning experience for the student.
Living Music II	Designed for students in grades 9-12, this course enhances the student's fundamental musicianship skills from a Western-Classical approach, while aligning to National Core Arts Standards. The student will review and deepen skills and concepts of rhythm and notation learned and practiced in Living Music I. Through the use of virtual tools and analysis of classic repertoire, the student will work to improve listening, notation, analysis, performance, and composition skills. With audio, visual, and interactive technologies, the course provides a unique and advanced learning experience for the student. Living Music I is a prerequisite for this course.

Math 1 A	In Math 1 A, the student will learn mathematical concepts related to addition and subtraction, measuring lengths, time, and representing and interpreting data. Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.
Math 2 A	In Math 2 A, the student will learn mathematical concepts related to addition and subtraction, even and odd numbers, time, and money. Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.
Personal Finance	Personal Finance prepares students for making sound financial decisions through real-world applications. Topics include financial and career planning, banking, credit, and debt. Students will also learn about savings and investments programs and will begin to evaluate stocks, bonds, mutual funds, and real estate. Personal Finance provides students with the basics to protecting finances, exploring concepts such as tax strategies, insurance, retirement, and estate planning. Finally, students receive an overview of financial option for continuing education.
Physical Science A	<p>This is the first of two courses that comprise Physical Science. Throughout the semester, the student will be introduced to a variety of basic concepts in the field of chemistry. The student will also be introduced to the forces and motion, including topics of Newton's laws and the conservation of momentum.</p> <p>This course consists of varied curriculum that provides the student the opportunity to use a scientific approach to problem-solving and making real-world connections. The student will investigate how matter is classified, explore the structure of an atom, identify groups within the periodic table, compare and contrast chemical reactions, study the properties of acids and bases and identify how to apply forces and motion to objects.</p>
Physical Science B	This is the second of two courses that comprise Physical Science. Throughout the semester, the student will study a variety of essential physics concepts including energy of motion, energy and forces, thermal energy, non-contact forces, waves, and electromagnetic radiation. This course includes a variety of instructional strategies and provides the student the opportunity to use a scientific approach to problem-solving and making real-world connections. Physical Science B includes hands-on explorations and virtual simulations to enhance the student's comprehension of key concepts.
Physics A	<p>Physics A is designed to describe the physical world using a small number of basic assumptions, concepts, and equations. The course emphasizes relating physics to the everyday world. Physics A focuses on understanding motion. The student will explore the concepts involved with motion in one- and two-dimensions, forces, work and energy, momentum and collisions, circular motion and gravitation. The students will recognize the importance of the laws of thermodynamics.</p> <p>Approximately 40 percent of the course involves virtual laboratory investigations. Some activities will require ordinary household items such as rulers, meter sticks, balls or marbles, string, paper, and pencils.</p>
Physics B	<p>Physics B is designed to describe the physical world using a small number of basic assumptions, concepts, and equations. The course emphasizes relating physics to the everyday world. Physics B focuses on the characteristics of waves and describes the behavior of waves with emphasis on light and sound. The student will understand the relationship between electricity and magnetism. Finally, the student will gain a simple understanding of atomic physics.</p> <p>Approximately 40 percent of the course involves virtual laboratory investigations. Some activities will require ordinary household items such as rulers, meter sticks, balls or marbles, string, paper, and pencils.</p>

Precalculus A	<p>This is the first of two courses that comprise Precalculus. In this course, the student will continue to study higher-level mathematics. The student will begin by reviewing the fundamental concepts in algebra that serve as building blocks for an in-depth study of functions and graphs. Next, the student will explore and analyze polynomial, rational, radical, exponential, logarithmic, and piecewise functions. The student will further delve into quadratics with a unit on the conic sections. Finally, the student will explore sequences and series.</p> <p>A content thread throughout the course focuses on ways mathematics is applied in the real world and is essential to everyday life. These real-world connections, combined with an emphasis on mathematical reasoning and critical thinking skills, prepare the student for future college and career opportunities.</p>
Principles of Business and Finance A	<p>Principles of Business and Finance provides the knowledge and skills students need for careers in business and finance. Students analyze the impact of government, legal systems, and organized labor on business; develop an understanding of business communications and management; and explore legal, ethical, and financial issues in business and marketing. Furthermore, students delve into basic economic concepts including personal finance, economic systems, cost-profit relationships, and economic indicators and trends.</p> <p>Using hands-on activities, students reinforce, apply and transfer academic knowledge and skills to a variety of interesting and relevant real-world inspired scenarios. This course focuses on developing knowledge on economics and interpersonal skills. This course also addresses exploring career options in business.</p>
Principles of Business and Finance B	<p>Principles of Business and Finance provides the knowledge and skills students need for careers in business and finance. Students analyze the impact of government, legal systems, and organized labor on business; develop an understanding of business communications and management; and explore legal, ethical, and financial issues in business and marketing. Furthermore, students delve into basic economic concepts including personal finance, economic systems, cost-profit relationships, and economic indicators and trends.</p> <p>Using hands-on activities, students reinforce, apply and transfer academic knowledge and skills to a variety of interesting and relevant real-world inspired scenarios. This course focuses on developing knowledge on economics and interpersonal skills. This course also addresses exploring career options in business.</p>
Principles of Marketing A	<p>Principles of Marketing provides the knowledge and skills students need for careers in marketing. Students begin exploring roles and functions that marketing plays in a global society, develop an understanding of the market place, as well as understanding product placement and promotion.</p> <p>Using hands-on activities, students reinforce, apply and transfer academic knowledge and skills to a variety of interesting and relevant real-world inspired scenarios. This course focuses on developing knowledge and skills around marketing, pricing, distribution and management. This course also addresses exploring career options marketing.</p>
Principles of Marketing B	<p>Principles of Marketing provides the knowledge and skills students need for careers in marketing. Students begin exploring roles and functions that marketing plays in a global society, develop an understanding of the market place, as well as understanding product placement and promotion.</p> <p>Using hands-on activities, students reinforce, apply and transfer academic knowledge and skills to a variety of interesting and relevant real-world inspired scenarios. This course focuses on developing knowledge and skills around marketing, pricing, distribution and management. This course also addresses exploring career options marketing.</p>
PVS: Personal Fitness	<p>Personal Fitness II is a one-semester course that looks at the aspects of living a healthy and balanced life. In the first unit, students will learn the relationship between physical, mental, and social health as they explore topics including: effective communication, building healthy relationships, the effects of violence, coping mechanisms, and how to set goals. Additionally, students will learn basic first aid procedures, what to do in medical emergencies, and how to keep their homes safe. In the second unit, students will learn about infectious and noninfectious diseases, how they affect the body, and how they can be prevented. The third unit covers tobacco use, drug and alcohol abuse, and options for resisting the pressure to participate in these destructive behaviors. Throughout the course, students will be required to participate in regular physical activity and keep records of their activity. The student will be given a choice of three paths that place emphasis on lifelong activities as well as current fitness trends.</p>

Senior Success	Seniors will explore post-secondary options including colleges, careers, and more. Students will be exposed to tools and resources designed to best prepare them for life after high school. Through completion of this course, students will gain exposure to information about financial aid, the college application process, resume writing and graduation information, as well as the opportunity to reflect on their high school career.
Sign Language I A	In this course, the student will be introduced to the fundamental concepts of American Sign Language. The student will explore vocabulary, grammar, and conversational skills using basic signing and fingerspelling techniques, and will begin to learn about Deaf culture and the Deaf community. A webcam and recording device are required for this course.
Sign Language I B	This course follows Sign Language I A. The goal of Sign Language I B is for the student to become a confident signer by mastering American Sign Language grammar and building vocabulary. Lessons incorporate the various important components of signs including handshape, position, movement, palm orientation, and non-manual markers. The student's vocabulary is strengthened by studying special categories such as lexicalized signs, classifiers, and topic-related signs. The student will learn to translate from Standard English into American Sign Language gloss. A webcam and recording device are required for this course.
Sign Language II A	In this course, the student will continue his study of American Sign Language. The student will expand his ASL vocabulary, grammar, and conversational skills. In addition, the student will complete activities and exercises that help him understand the culture of deaf and hard-of-hearing community. A webcam and recording device are required for this course.
Sign Language II B	In this course, the student will extend the study of American Sign Language at the intermediate level. The student will expand his ASL vocabulary, grammar, and conversational skills, and advance his signing and fingerspelling strategies. The student will continue to analyze elements of Deaf culture and issues surrounding the Deaf community, focusing on careers and continuing education options that utilize American Sign Language. A webcam and recording device are required for this course.
Spanish IV A	Spanish IV A continues to build on the skills the student has mastered in his previous Spanish courses. The student will continue to sharpen his listening, speaking, reading, and writing skills through a variety of activities. Throughout the five topics covered in this course, the student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, past-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Elements of the Spanish-speaking world and culture appear throughout the course, including people, geographical locations, and histories.
Spanish IV B	Spanish IV B is a continuation of the first three and a half years of Spanish instruction. The student will continue to sharpen his listening, speaking, reading, and writing skills through a variety of activities. Throughout the five topics covered in this course, the student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, past-tense verbs, future-tense verbs, conditional-tense verbs, the subjunctive, the present perfect tense, the past perfect tense, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Elements of the Spanish-speaking world and culture appear throughout the course, including people, geographical locations, and histories.
Speech and Debate	<p>In this course, the student will learn how to apply visuals, style, stories, organization, and nonverbal communication to speeches. The student will learn tactics to help overcome fear, participate in debates, and rehearse effectively. The student will also learn how to evaluate great speeches from history as well as more modern media messages.</p> <p>This Speech and Debate course was developed by Connections Academy with content and video excerpts provided by TJ Walker, Media Training Worldwide. Connections Academy's use of all content, including any video excerpts, is for educational purposes only, and specifically, for purposes of review, criticism, illustration or comment. All images, names, logos, and depictions belong to their respective parties.</p>

Sports Management	This course will introduce you to the fast-growing field of sports management. You will explore topics such as sports marketing, branding, ticket sales, public relations, broadcasting, and breaking into the business of sports management. This course will also discuss the role of sports in society and the importance of an ethical approach to sports management.
Statistics A	In this course, the student will be introduced to the major concepts of collecting, organizing, and drawing conclusions from data. The student will also have the opportunity to observe patterns and departures from patterns, plan a study, produce models using probability and simulation, and use statistical inference to confirm models.
Statistics B	In this course, the student will be introduced to the major concepts of collecting, organizing, and drawing conclusions from data. The student will also have the opportunity to observe patterns and departures from patterns, plan a study, produce models using probability and simulation, and use statistical inference to confirm models.
United States History A/B	This course examines social, economic, historical, and political change in the United States from the birth of the country to recent events. Through interactive activities, discussions, charts, timelines, primary sources, and maps, students will explore key events, patterns, and figures that shaped American history and culture. Students will evaluate important foundational documents such as the Declaration of Independence and the Constitution. The course will also investigate the changing relationship of the United States to the rest of the world. In-depth study of the cause and effect of important events will help students better understand the historical context of key developments. Students will receive instruction in analyzing essential historical documents through portfolio items and lesson activities. Readings and activities will assist students in comparing time periods and in developing historical reasoning and critical thinking skills. Through this course, students will gain a broader understanding of the relevance of American history to their lives as well as develop a better understanding of the impact of key events on American culture and society.
VS: Art History A	Welcome to the first semester of Art History! In this course, the student will take up the question "What is art?" as he explores the artistic endeavors of early civilizations. Early in the course, the student will explore some of the basic elements and principles of art and its role in human history and the development of culture. He will also think about the ways that a work of art interacts with human sensory perception to produce a particular effect, as well as various other factors that affect the interpretation of a work of art. Once the student has obtained a basic foundation in art theory, he will begin to examine the history of art from its earliest manifestations in prehistoric times up through the ancient Egyptian civilization.
VS: Art History B	Welcome to the second semester of Art History! In this course, the student will build upon his basic foundation in art theory to examine the history of art. He will trace the history of art from ancient Greece to the Roman Empire. Along the way, the student will encounter art forms such as pottery, architecture, and sculpture. By the end of the course, the student will not only have acquired a knowledge of ancient art history, the student will also have a better understanding of art as both a reflection and engine of history.
VS: Journalism A	This is the first of two courses that comprise Journalism. In this course, the student will have the opportunity to experience what it is like to work on an online news publication. In addition, he will learn about issues in journalism from early print editions to today's multi-media formats. In addition, lessons in "Introduction to Journalism" in the first semester and "Issues in Journalism" in the second semester will satisfy the objectives of a traditional high school journalism class.
VS: Journalism B	This is the second of two courses that comprise Journalism. In this course, the student will have the opportunity to experience what it is like to work on an online news publication. In addition, he will learn about issues in journalism from early print editions to today's multi-media formats. In addition, lessons in "Introduction to Journalism" in the first semester and "Issues in Journalism" in the second semester will satisfy the objectives of a traditional high school journalism class.
VS: Personal Fitness	In this course, the student will study physical fitness and a variety of health-related topics. The student will gain an understanding of the proper ways to exercise and diet, and will learn how to assess his own fitness level. The student will learn what fitness can do and how to attain the highest possible fitness level.

VS: Physical Education	<p>In this course, the student will use previously acquired skills in a wide range of elective activities. The course places priority on self-motivated physical activities that the student can participate in now and later in life, and incorporates skill competencies, written assignments, and class evaluations into some of the units. The student will be expected to show proficiency in the activities that are important for his personal development at the appropriate age. The student's physical fitness level will be assessed and recorded. As an online learner, the student will utilize relevant Web sites and streaming videos provided in the lessons.</p>
VS: Psychology A	<p>This is the first of two courses that comprise Psychology. This course begins with a historical review of how man has sought to explain human behavior from ancient times to today. The student will learn about the research methods that are applied to the field and how the scientific method of inquiry moved psychology from quaint parlor tricks like hypnosis and mesmerism to serious inquiry that utilizes hard science to prove theories. The student will also learn about the amazing brain and will explore the workings of the normal brain. The student will then build upon this biological foundation to learn how the information that we take in through our senses is perceived and interpreted by the brain to form the mental images of our daily experiences in the world. The course also provides a survey of a human's life span from birth to death. The student will learn about all of the major physical and psychological changes that mark the development of a human's existence and a variety of theories that outline these processes.</p>
VS: Psychology B	<p>This is the second of two courses that comprise Psychology. The course begins with an exploration of what makes individuals different from one another and the notion of personality. The student will dissect the widely divergent and often contradictory personality theories.</p> <p>In the section on Learning, Memory, and Motivation, the student will tie together his knowledge of the biological basics of behavior with the major personality theories in order to understand the complex mental processes of learning, memory, thought, and language.</p> <p>Finally, the student will shift his focus from normal to abnormal behavior, and in doing so, study the theories related to life adjustment, stress, psychological breakdown and methods of therapy.</p>
Web Design I A	<p>The Web Design A course has 40 lessons. The student is introduced to website design and development by learning the basic website design principles. Topics include networking, audience analysis, internet security, project management, and website navigation. Students will apply the principles to design and evaluate their own websites and the sites of others. Students will learn development languages such HTML and CSS. Throughout the course, students will complete practice activities, homework assignments and projects that allow them to apply the skills they have learned.</p>
Web Design I B	<p>Students learn basic website design principles and development languages such as HTML and CSS. Topics include networking, audience, analysis, Internet security, project management, and website navigation. Students utilize the programs GIMP for image editing and Nvu for web development.</p>
WebQuest	<p>This interactive elective provides the student the opportunity to participate in an individualized WebQuest experience that connects to the local community and allows the student to become an active, contributing member of the community. The course is based on the student's research about and participation in an effort that is focused on maintaining or improving the local community's environment.</p> <p>In this course, the student will choose an aspect of the local community's environment that has special interest to the student and work on a project over the course of 12 visits. During each visit the student will do some research or data collection, take notes to build the portfolio project to be submitted later in the course, and complete activities to support the community effort. The community activity can either be with a group or as an individual.</p> <p>Ideally, the student will continue to support the community effort even after the course has ended.</p>

World History 1450 to Present A In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into critical explorers of historical context. The course focuses on several overarching themes, including human-environment interaction, development and interactions of societies, conflict, and the expansion of belief systems and ideas that would transform societies. Each unit's theme is reflected in a unit-level essential question. Essential questions throughout the instruction reinforce the unit level essential question and connect to the specific learning goals of the lesson. World History instruction is presented in close alignment with state and national standards. Daily instruction supports student learning of core historical content as well as critical thinking and literacy skills. Instruction is presented in two modes: Peer Model, in which students view a video of a peer learning how to use and apply the target skill or concept, and 21st Century, in which the student gains proficiency in the skills, knowledge, and expertise needed to succeed in work and life. Text assets are used frequently throughout the course to provide the student with experience in reading and interpreting primary and secondary source documents. Excerpts may include scholarly papers as well as magazine and newspaper articles. Students put an inquiry-based approach into practice by working directly with these assets through the lens of unit and lesson themes as well as specific learning goals. Check-In and Practice activities allow students to confirm understanding, resolve misconceptions, and apply their learning to new situations. Together the course elements ensure the student grows as a critical thinker and interpreter of the multiple stories of history, and masters the skills to succeed in work and life.

World History 1450 to Present B In this course, the student will learn, practice, and apply the fundamental skills and strategies that will help them grow into critical explorers of historical context. The course focuses on several overarching themes, including human-environment interaction, development and interactions of societies, conflict, the expansion of belief systems, and ideas that would transform societies. Each unit's theme is reflected in a unit-level essential question. These include questions such as "How does war transform societies?" and "How has global interdependence shaped the world?" Essential questions throughout the instruction reinforce the unit-level essential question and connect to the specific learning goals of the lesson. World History instruction is presented in close alignment with state and national standards. Daily instruction supports student learning of core historical content as well as critical thinking and literacy skills. Instruction is presented in two modes: Peer Model, in which the student views a video of a peer learning how to use and apply the target skill or concept; and 21st Century Skills, in which the student gains proficiency in the skills, knowledge, and expertise needed to succeed in life and work. Text assets are used frequently throughout the course to provide the student with experience in reading and interpreting primary and secondary source documents. Excerpts may include scholarly papers as well as magazine and newspaper articles. The student puts an inquiry-based approach into practice by working directly with these assets through the lens of unit and lesson themes as well as specific learning goals. Check-In and Practice activities allow the student to confirm understanding, resolve misconceptions, and apply their learning to new situations. Together the course elements ensure the student grows as a critical thinker and interpreter of the multiple stories of history and masters the skills to succeed in life and work.



eDynamic Learning

CAREER & ELECTIVE COURSES



2023-2024 CTE & Elective Catalog

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Course Code: EDL353

3D Modeling 1a

Heart valves, cars, cartoons, and buildings may not seem to have much in common, but they all share one spectacular attribute: all originated as a 3D model. 3D modeling has changed the way the world makes things, and in this course, you'll learn the basics to begin creating in 3D! You'll learn how different 3D models are built and how to practice using a variety of modeling methods. By the end of the course, you'll walk away with a portfolio of your ingenious modeling ideas. 3D modeling is an essential part of the modern world and soon, you'll be able to contribute yourself!



Course Code: EDL354

3D Modeling 1b

Many buildings that are rendered in the real world first are constructed in a digital 3D world that depicts the aesthetics, environment, and conditions of what will come to be. In this course, you will be introduced to the tools and techniques needed to create works of 3D art. You will bring your objects to life with color, textures, lighting, and shadow all while simulating the movement of world around. Are you ready to bring beautiful objects to life in a 3D world? Let's get started today!

A



Course Code: EDL064

Advertising and Sales Promotion

Great marketing strategies can be powerful. Every year companies spend approximately \$200 billion promoting their products and services – and that's just in the United States alone! Explore how marketing campaigns, ads, and commercials are brought to life and meet some of the creative folks who produce them. Learn about different marketing career opportunities and discover ways to be part of this exciting, fast-paced industry.



Course Code: EDL351

Animation 1a: Introduction

Have you ever watched a cartoon or played a video game where the characters and animation captivated you enough to want to develop your own? If so, it's time to immerse yourself in the world of animation. Meet the industry players such as directors, animators, and 3D modelers. Develop your story by exploring the 12 principles of animation, creating a storyboard, and leveraging the tools of the trade. Let's bring your story and animation to life!



Course Code: EDL075

African American History

Throughout U.S. history, how have African Americans helped shaped American culture? This course answers that question by tracing African Americans' accomplishments and obstacles, beginning with the slave trade on up to the modern Civil Rights movement. Learn about the political, economic, social, religious, and cultural factors that have influenced African American life, meet individuals who changed the course of history, and explore how the African American story still influences current events.



Course Code: EDL352

Animation 1b: Animating Your Creativity

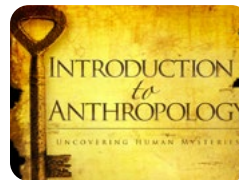
It's time to start animating like the pros! In this hands-on course, you'll immediately start exploring the software Blender, your gateway to 3D modeling, computer animation, and postproduction procedures used in the film industry. Discover 3D modeling and animation of characters. Explore the basics of human anatomy and form to apply rigging, joints, and texture. Examine rendering and lighting effects and how to apply sound. And discover careers so you can start using your new skills right away.



Course Code: EDL044

Agriscience 1: Introduction

Is it possible to make our food more nutritious? Examine how agriscientists are at the forefront of improving agriculture, food production, and the conservation of natural resources. Explore the innovative ways that science and technology are put to beneficial use in the field of agriculture. Additionally, explore controversies that surround agricultural practices as nations strive to provide their people with a more abundant and healthy food supply.



Course Code: EDL004

Anthropology 1: Uncovering Human Mysteries

What makes us human? Is it our ability to use language, tools, or technology? Trace the history of homo sapiens and explore our evolutionary trail through an anthropologic lens to observe our movement from cave dwellers to modern humans. Learn how we forged our way and developed all of the things that make us humans, such as our cultures, languages, and religions.



Course Code: EDL066

Agriscience 2: Sustaining Human Life

Science and technology are revolutionizing many areas of our lives – and agriculture is no exception! From aquaculture to genetic engineering, agriscience is finding new ways to better produce and manage plants, animals, and other natural resources. Let's delve deeper into important agri-areas such as soil science and weed management. And explore research on plant and animal diseases as well as the insects and other pests that can impact agricultural enterprises and natural resources.



Course Code: EDL019

Anthropology 2: More Human Mysteries Uncovered

How does your culture influence you? Many of our ancient cultures and languages were shaped by the geographical locations of our ancestors. And by examining their views on life, death, art, and survival, we begin to understand how ancient cultures flourished. In looking back and learning about cultures, we are better equipped to understand the world around us.



Course Code: EDL021

Archaeologists use to conduct their studies to locate and unlock the secrets of a long and colorful past. Let's get exploring!

Archaeology: Detectives of the Past

Imagine what it must feel like to uncover an artifact from the past! Archaeology helps us to better understand, through discovery and analysis, how ancient civilizations have shaped the modern world. Explore the techniques, methods, and theories



Course Code: EDL132

galaxies and stars, including the concepts of modern astronomy and the methods used by astronomers to learn more about the universe.

Astronomy 1a: Introduction

Ever wondered how the Earth developed and exists in the vastness of space? How do the scientific laws of motion and gravity play a role in its existence? Discover answers to these questions and explore the origin of the universe, the Milky Way, and other



Course Code: EDL038

elements and design principles of art, and about some of the greatest artists in the world, while creating your own art, both on paper and digitally. It's time to tell your story through art.

Art in World Cultures

Art tells a story. Go on a journey of when humans began creating art in prehistoric times to ancient Roman, early Christian, and Medieval periods. Explore the artistic characteristics of the Renaissance, Americas, Baroque, Romantic, and more. Learn the



Course Code: EDL133

space. How exciting!

Astronomy 1b: Exploring the Universe

Ready to explore our amazing and dynamic universe even further? You'll be taken on an exciting journey through the solar system to explore the sun, comets, asteroids, meteors, life cycles of stars, and planets' properties. Become familiar with the concepts of space

B



Course Code: EDL112

discoveries. Understand how regulations and ethics govern the course of biotechnology and learn of its importance to the field of medicine.

Biotechnology 1a: Introduction

Biotechnology is a cutting-edge, high-demand field that encompasses everything from plant and animal breeding to genetics. Discover how biotechnology has changed the world around us, from food to genetics. Explore historical applications with modern



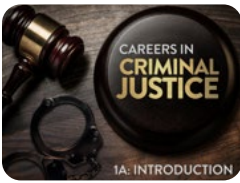
Course Code: EDL113

antibiotics, how medicine is created to combat diseases, and the future of the biotechnology field. It's time to explore the depth and breadth of this fascinating field!

Biotechnology 1b: Unlocking Nature's Secrets

Dig deeper into the world of biotechnology! Learn how and why biotechnology is so important to the agricultural, pharmaceutical, and genetic fields of study. You'll learn about mapping the human genome, the role of

C



Course Code: EDL347

justice system, the correctional system, and the trial process all work together to maintain social order.

Careers in Criminal Justice 1a: Introduction

Have you ever wondered what steps take place as people move through the court system? The criminal justice system is a very complex field that requires dedicated people willing to pursue equal justice for all. Explore different career choices and how the juvenile



Course Code: EDL087

how the internet functions. Discover how to create and build your own website using HTML and CSS, and learn the basics of JavaScript and Python Programming. This course also covers data collection methods, access rights, protocols, and security.

Coding 1a: Introduction to Programming

Have you ever wanted to create your own web page or wondered how your favorite websites were built? Explore the role technology plays in our lives as well as study the fundamentals of computer science, review hardware and software, and learn



Course Code: EDL348

even in the private sector. Explore some of the various occupations in this field, while simultaneously learning how they interact with each other and other first responders. Discover various interviewing techniques to uncover the truth. Understand the importance of making ethical decisions, and how you need to keep your sense of right and wrong in check to be successful in this field

Careers in Criminal Justice 1b: Finding Your Speciality in Criminal Justice

Have you ever thought about a career as a police officer, an FBI or DEA agent, or any occupation that seeks to pursue justice for all? Careers in criminal justice can be found at local, county, state, and federal levels, and



Course Code: EDL105

wide variety of careers in computing.

Coding 1b: Programming

Let's continue to cultivate an understanding of programming languages and expand on website development. You will learn the difference between web development and web application development as well as further explore Advanced Python, HTML, and



Course Code: EDL067

Concepts of Engineering and Technology

Learn how the momentum of science is continually propelling engineers in new directions towards a future full of insight and opportunity. Explore the different branches of engineering and how problem-solving, sketching, collaboration, and experimentation can change the very fiber of our human lives. By examining astounding engineering feats and complex ongoing issues, you'll begin to question whether the word impossible really exists.



Course Code: EDL046

Cosmetology I: Cutting Edge Styles

We all want to look our best, but did you know there is actually a science behind cutting your hair and painting your nails? Just like all careers, cosmetology requires certain skills and characteristics. You will learn about various beauty regimes related to hair, nails, skin, and spa treatments, and discover how to create your own business model quickly and efficiently while still looking fabulous, of course!



Course Code: EDL100

Cosmetology 2: The Business of Skin & Nail Care

This vibrant industry needs skilled and personable professionals well-versed in the latest trends and technological advances. Explore what the day-to-day life of a cosmetologist is like, and discover that cosmetology is much more than knowing and applying techniques. Learn skin care and facials, how to give manicures and pedicures, how to apply artificial nails, and gain an understanding of different hair removal techniques. Discover the next steps towards launching a rewarding and creative career in cosmetology.



Course Code: EDL108

Cosmetology 3a: Introduction to Hair Skills

Cosmetology is a specialized field with a high skill set. Examine the complexities of cosmetology by learning to perform a hair, scalp, and skin analysis. You'll learn about hair types, face shapes, and color theory. And, to effectively prepare you for a career in cosmetology, color techniques with an emphasis on salon and chemical safety is examined.



Course Code: EDL156

Cosmetology 3b: Waving, Coloring and Advancing Hair Skills

Let's delve into the realm of hairstyling and cutting techniques! Explore a variety of wigs, extensions, and hairpieces, while also developing knowledge about shampooing and conditioning. Discover manual curling and the use of chemicals to curl and straighten hair, as well as safety when working with chemicals. Expect to be well versed with a plethora of hair skills upon completion.



Course Code: EDL072

Creative Writing: Unleashing the Core of Your Imagination

Writing can change the world. Think about the Declaration of Independence, the Bill of Rights, and Lincoln's 2nd Inaugural Address. How have these writings shaped our country and the future? While you learn how to unleash the core of your imagination to develop your own creative writing, you'll also explore creative writing through foundational literary works from the 18th to 20th century of Colonialism to American Gothic to Modernism, and everything in between, while evaluating original writings and their interpretations.



Course Code: EDL008

Criminology: Inside the Criminal Mind

Why do certain people commit horrible acts? Can we ever begin to understand their reasoning and motivation? Perhaps. The mental state of a criminal can be affected by many different aspects of life: psychological, biological, sociological, all of which have different perspectives and influences. Investigate not only how these variables affect the criminal mind but also how crimes are investigated and handled in the criminal justice system.



Course Code: EDL235

Culinary Arts Ia: Introduction

Thinking of a career in the foodservice industry or looking to develop your culinary skills? Explore basic cooking and knife skills while preparing for entry into the culinary world. Discover the history of food culture, food service, and global cuisines while learning about food science principles and preservation. Prepare for your future by building the professional, communication, leadership, and teamwork skills that are crucial to a career in the culinary arts.



Course Code: EDL236

Culinary Arts Ib: Finding Your Palate

Did you know that baking is considered a science? Discover how to elevate your culinary skills through the creation of stocks, soups, sauces, and learn baking techniques. Examine sustainable food practices and the benefits of nutrition while maintaining taste, plating, and presentation to truly wow your guests. Explore careers in the culinary arts for ways to channel your newfound passion!



Course Code: EDL096

Culinary Arts 2: Baking, Pastry, and More!

Whether you aspire to be a world-class chef or just want to learn the skills needed to create your own dishes, you'll build a strong foundation and grow your knowledge of this exciting industry. Explore baking and desserts, learn how to prepare proteins, and study nutrition and safety in the kitchen. Enhance your understanding of sustainability in the food industry, learn to prepare meals from a global perspective, and dissect the business of cooking, from managing a kitchen to successfully running a catering company.



Course Code: EDL098

Cybersecurity 1a: Foundations

We depend more on the technologies we interact with every day; and we put more and more of our personal data out there online. Can all of that data really be kept "secret"? Learn about the various parts of your computer, how they work together, and how you can manipulate them to keep your data safe. Dive into the tools, technologies, and methods that will help protect you from an attack and discover the many opportunities in the rapidly growing field of cybersecurity.

D



Course Code: EDL233

Digital Photography 1a: Introduction

Have you wondered how professional photographers manage to capture that perfect image? Gain a better understanding of photography by exploring camera functions and the elements of composition while putting theory into practice by taking your own spectacular shots! Learn how to display your work for exhibitions and develop skills important for a career as a photographer.



Course Code: EDL234

Digital Photography 1b: Creating Images with Impact!

Let's further develop your photography skills by learning more professional tips, tricks, and techniques to elevate your images. Explore various photographic styles, themes, genres, and artistic approaches. Learn more about photojournalism and how to bring your photos to life, and using this knowledge, build a portfolio of your work to pursue a career in this field!

E



Course Code: EDL118

Early Childhood Education 1a: Introduction

Are you curious to see what it takes to educate and nurture early learners? Use your curiosity to explore the fundamentals of childcare, like nutrition and safety, but also the complex relationships caregivers have with parents and their children. Examine the various life stages of child development and the best educational practices to enrich their minds while thinking about a possible future as a childcare provider!



Course Code: EDL099

Cybersecurity 1b: Defense Against Cyber Threats

Unmask the cybersecurity threats around you by understanding hackers and identifying weaknesses in your online behavior. Learn to avoid the various types of cyberattacks, including those to your social media accounts, and to predict the potential legal consequences of sharing or accessing information that you do not have rights to. Dig into these crimes in depth by taking a look at cyber forensics and other cybersecurity careers. Cybersecurity will play an increasingly larger role in our personal and professional lives in the years to come.



Course Code: EDL017

Digital Photography 2: Discovering Your Creative Potential

We are surrounded by images; in advertisements, on websites, in magazines, and on billboards. Learn how to effectively critique photographs so you can better understand composition and go on to create more eye-catching photographs on your own. Examine various aspects of the photography field including specialty areas, ethics, and famous photographers throughout history.



Course Code: EDL119

Early Childhood Education 1b: Developing Early Learners

Discover the joys of providing exceptional childcare and helping to develop future generations. Learn the importance of play and use it to build engaging educational activities that build literacy and math skills through each stage of childhood and special need. Use this knowledge to develop your professional skills well suited to a career in childcare.



Course Code: EDL047

Entrepreneurship: Starting Your Business

What does it really take to own your own business? Does the sound of being your own boss make you feel excited? Discover what is needed to operate a personal business from creating a plan, generating financing, and pricing products to marketing services and managing employees. If you've ever dreamed of being a true entrepreneur but feel daunted by the prospect, this is your chance to learn all you need to know.

F



Course Code: EDL349

Fashion Design

Are you a fashion trend follower? Are you drawn to how designers have pulled together fabrics and colors to create memorable pieces? Do you dream of designing your own line of clothing or accessories? Learn what it takes to get started in the fashion industry, from the careers available to new technology and trends that are reshaping the industry every day. Start creating!



Forensics 1A: Introduction

Our notions of forensics are often fictionalized containing fantastic notions of what forensic science really is. In this course, you'll explore truth behind the science from its history to modern-day developments. You will learn how detectives conduct thorough investigations as well as common equipment and methods that are used throughout the field. Finally, you will learn about collecting and analyzing the most common types of evidence found at a crime scene and how they guide investigators to answers. Let's track your interests and continue your pursuit of justice through science!



Course Code: EDL011

Forensic Science I: Secrets of the Dead

Fingerprints. Blood spatters. Gunshot residue. If these things intrigue you rather than scare you, then forensic science may be for you. Explore the riveting job of crime scene analysis, and learn the techniques and practices applied during a crime scene investigation, including how clues and data are recorded and preserved. Discover how technology is applied to make discoveries and bring criminals to justice.

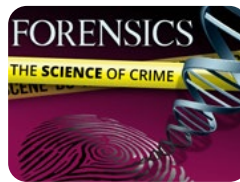
G



Course Code: EDL015

Gothic Literature: Monster Stories

Vampires, ghosts, and werewolves have lived in our collective imagination since 18th-century Gothic literature, which introduced a thrilling psychological experience for the reader. Explore the themes of terror vs. horror, the supernatural, and the struggle between good and evil. Are you brave enough to go beyond the fear and find an appreciation for the dark beauty of Gothic stories?



Forensics 1B: The Science of Crime

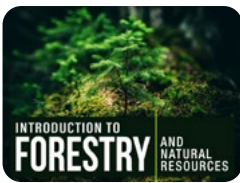
You've investigated the surface and started building a case, but now it's time to examine the field of forensics further. In this course, you will delve into the details, studying DNA analysis, forensic anthropology, tool marks, arson, impressions, toxicology, questioned documents, and digital forensics. You will also explore the different specialties within a forensics team. You'll learn more about what each field entails, what that specialist does at the scene and in the lab, and what conclusions can be made based on their analysis. Let's continue strengthening your case and interests for this fascinating field.



Course Code: EDL022

Forensic Science 2: More Secrets of the Dead

The best way to battle crime these days is not with a weapon, but with science. Dig deeper into the science of forensics and the basic scientific principles used in the lab, such as toxicology, material analysis, microscopy, and forensic anthropology. Find out how scientists use everything from insects to bones to help them solve crimes. And discover how advanced techniques and technology can lead to catching even the craftiest criminal.



Course Code: EDL069

Forestry and Natural Resources

Thriving forests are an essential part of the health of the planet, from our wildlife's ecosystem to providing humans with clean air to lumber and paper products. But forests cannot protect themselves and depend greatly on humans for conservation. Learn more about this meaningful relationship and how environmental policy, land use, water resources, and wildlife management all factor into current forestry issues. Forestry offers diverse professional opportunities, and for those concerned about the environment, it is a great choice.



Course Code: EDL013

Great Minds in Science: Ideas for New Generation

Does life exist on other planets? Will the issue of global warming ever be solved? Today, scientists, explorers, and writers are working to answer such questions. Like such famous minds from history as Edison, Einstein, Curie, and Newton, today's scientists are finding ways to revolutionize our lives and the world. Explore the extraordinary work of past individuals and how their ideas may very well shape the world of tomorrow.

H



Course Code: EDL357

Health & Physical Education 1a: Introduction

Your health is more than skin deep- or should we say muscle deep? There are many factors that influence your fitness from biological predispositions to the foods you eat, the sleep you get, your psychology, and more! This course will go beyond the superficial of fitness and dig into the science behind it. You will explore the basics of how to assess your baseline fitness, design and implement a fitness plan, fuel your body to achieve your fitness goals, and stay safe while improving your health. Physical fitness is a journey, not a destination: start your expedition now!



Course Code: EDL063

Health I: Life Management Skills

What does it mean to be healthy? In the simplest terms, it means taking care of our body and mind. Explore the connections between your physical, mental, and social health. Learn how to promote better health by decreasing stress and finding a fuller vision for your life through lifestyle choices, interactions with others, health care, and making sensible dietary choices. Build your plan to ensure your overall health, happiness, and well-being!



Course Code: EDL029

Health Science I: The Whole Individual

Finding effective solutions to different health problems is one of our greatest challenges. How close are we to finding a cure for cancer? What's the best way to treat diabetes and asthma? You'll be introduced to disciplines such as toxicology, clinical medicine, and biotechnology. Understanding the value of diagnostics and research can lead to better identification and treatment of many diseases, and by learning all the pertinent information and terminology you can discover how this amazing field will contribute to the betterment of human life in our future.



Course Code: EDL054

Health Science 2: Patient Care and Medical Services

Explore the roles healthcare professionals play in treating patients. Promoting wellness, communicating with patients, and understanding safety in the workplace are just a few of the essential skills you will learn, all the while becoming familiar with some of the more prominent areas in the field, such as emergency care, nursing, infection control, and pediatrics. You'll learn about some of the inherent challenges faced by this age-old profession and how you can become a significant part of the solution.



Course Code: EDL091

Health Science: Public Health

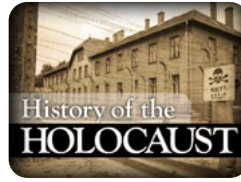
What is public health? Who decides which diseases get funding and which do not? What are the reasons for health inequality? Study both infectious and non-communicable diseases as well as learn how we conquer these on a community and global level through various methods, including proper hygiene, sanitation, and nutrition. Explore the role of worldwide current and future technologies and the ethics and governance of health on a global scale, and discover unique career opportunities you can pursue to make a difference.



Course Code: EDL092

Health Science: Nursing

The demand for nurses has never been higher! Learn what it takes to become a nurse, pursue a career, and understand the practice of nursing and the healthcare system. With a strong focus on patient care, you'll explore safety, communication and ethics, relationship building, and how to develop wellness strategies for your patients. From emergency to rehabilitative care, to advances and challenges in the healthcare industry, discover how you can launch a fulfilling career providing care to others.



Course Code: EDL036

History of the Holocaust

"For the dead and the living, we must bear witness." Discover the harrowing details of the history of the rise of anti-Semitism that contributed to the start of the Holocaust and the power of the Nazi party. Learn of the persecution of European Jews and other groups, and the tremendous aftermath for everyone involved in World War II and what has been done since to combat genocide.



Course Code: EDL027

Hospitality and Tourism I: Traveling the Globe

Where is your dream travel destination? Now imagine working there! You'll be introduced to a thriving industry that caters to the needs of travelers through managing hotels, restaurants, cruise ships, resorts, theme parks, and any other kind of hospitality you can imagine. Operating busy tourist locations, creating marketing around leisure and travel, spotting trends, and planning events are just a few of the key aspects you will explore within this exciting field.



Course Code: EDL088

Hospitality and Tourism 2a: Hotel and Restaurant Management

Are you a people person? Then hospitality may be the field for you! Learn about what makes the hotel and restaurant industries unique. Learn about large and small restaurants, boutique and resort hotels, and their day-to-day operations. Evaluate the environment for these businesses by examining their customers and their competition. Discover trends and technology that makes each industry exciting and innovative. Explore a variety of interesting job options from Front Desk and Concierge services to Maître d' and food service.



Course Code: EDL111

Hospitality and Tourism 2b: Management, Marketing & Operations

Embark on your journey to becoming a manager in the hotel or restaurant industry by gaining knowledge and developing a variety of skills. Learn about different management styles, laws, and regulations that govern hotels and restaurants as well as how to develop job descriptions and business plans. You'll also explore how to create menus, advertise vacancies, perform interviews, and understand the financials of the hotel or restaurant.



Course Code: EDL093

Human and Social Services I: Introduction

Those working in the field of social services are dedicated to strengthening the economic and social well-being of others and helping them lead safe and independent lives. Explore the process of helping, body, mind, and family wellness, and how you can become a caring social service professional. If you are interested in an emotionally fulfilling and rewarding career and making a difference in the lives of others, social and human services may be the right field for you.



Course Code: EDL025

Human Geography: Our Global Identity

Modern humans have been roaming the Earth for about 200,000 years. How do the places we live influence the way we live? How do geography, weather, and location relate to our customs, beliefs, and lifestyles? Learn how diverse people have physically influenced the world around them and how they, in turn, are changed by their surroundings. Let's explore the important relationship between humans and their environments.



Course Code: EDL350

Interior Design

Do you have a flair for designing and decorating? If so, then let's learn how to turn your interests and skills into a career. Explore color, texture, trends, and styles over time, how homes are built, and "green" options for homes and businesses. Interior designers do it all—from planning the color scheme to choosing furniture and light fixtures—with the end goal of creating a space where people can live or work comfortably, safely, and happily.



Course Code: EDL030

International Business: Global Commerce in the 21st Century

With the evolution of technology, our world is more connected than ever before, and the business community today is larger than ever. Gain the knowledge, skills, and appreciation to live and work in the global marketplace. You'll begin to understand how both domestic and international businesses are affected by economic, social, cultural, political, and legal factors and what it takes to become a true manager of global business in the 21st century



Course Code: EDL120

Journalism 1a: Introduction

Does your curiosity lead you to the heart of the matter? Channel this curiosity into developing strong writing, critical thinking, and research skills to perform interviews and write influential pieces, such as articles and blog posts. Learn about the evolution of journalism and its ethics, bias, and career directions to forge your path in this field.



Course Code: EDL121

Journalism 1b: Investigating the Truth

Journalists are asked to tell the world a story every single day—and their job is, to tell the truth. Learn how to choose a topic, structure your story, research facts, hone your observational skills, and write an article following journalism tradition. Go beyond the print world and discover how journalism can lead to exciting careers that will put you right in the action.



Course Code: EDL003

Law and Order: Introduction to Legal Studies

Imagine if there were no laws and people could do anything they wanted. Every society needs some form of regulation to ensure peace in our daily lives and in the broader areas of business, family disputes, traffic violations, and the protection of children. Explore the importance of laws and how their application affects us as individuals and communities. Through understanding the court system and how laws are actually enacted, you'll learn to appreciate the larger legal process and how it safeguards us all.



Course Code: EDL095

Learning in a Digital World: Digital Citizenship

We use technology to communicate with friends and family, find never-ending entertainment options and do our schoolwork. Discover what it means to be a responsible digital citizen, expand your digital literacy, and become a successful online student. Consider the best ways to find, create, and share information, learn to maximize information and communication technologies, and explore digital content creation, from emails and blogs to social media, videos, and podcasts.



Course Code: EDL094

Life Skills: Navigating Adulthood

What do you want out of life? How do you achieve your dreams for the future? These can be difficult questions to answer, but they don't have to be with the right tools. Learn more about yourself and prepare for the future through goal setting, decision making, surviving college and career, and how to become a valuable contributing member of society. It's your life; make it count!

M



Course Code: EDL053

Manufacturing: Product Design and Innovation

Have you ever wondered how products make it to store shelves? Goods we purchase must go through a manufacturing process before they can be marketed and sold. Learn about different types of manufacturing systems as well as career opportunities, including engineers, technicians, and supervisors. As a culminating project, you will plan your own manufacturing process and create an entirely original product! See how exciting, creative, and practical this industry can be.



Course Code: EDL073

Marine Science: Secrets of the Blue

Have you ever wondered about the secrets of the deep and the creatures below the ocean's surface? It is truly a new frontier of discovery. Begin to better understand the aquatic cycles, structures, and processes that generate and sustain life in the sea. You'll use scientific inquiry, research, and problem-solving to conduct various scientific procedures and become a more capable marine scientist.



Course Code: EDL078

Middle School 2D Studio Art

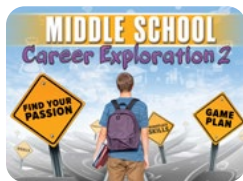
Do you like to draw, paint, or take pictures? Whatever medium you prefer, this course will teach you the design elements and principles needed to create a work of art and explore your artistic inspirations. You'll also travel back in time to look at art in different cultures and learn about the art of critiquing. Let's turn your creative dreams into reality!



Course Code: EDL225

Middle School Career Explorations 1

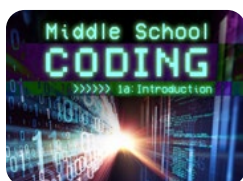
How do you pick a career path when you're not sure what's even out there? This course allows you to begin exploring options in fields such as teaching, business, government, hospitality, health science, IT, and more! You'll align your interests, wants, and needs to career possibilities, including the required education for each. Let's find a pathway that works for you.



Course Code: EDL083

Middle School Career Explorations 2

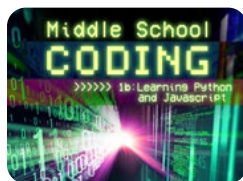
Imagine that it's 20 years from now. What career do you see yourself in? What do you imagine that you'll be doing? In this course, you'll explore more careers and what it takes to succeed in different fields. You'll learn more about what steps are needed to prepare for your career and how to compare the pros and cons of different career choices to find one that's best for you.



Course Code: EDL102

Middle School Coding 1a: Introduction

Do you find yourself wondering how your favorite apps, websites, and games were made? Maybe you want to try building your own. Well, now you can! In Middle School Coding 1a, you will get an introduction to the basics of computer science, HTML, CSS, JavaScript, and Python. You'll leave the course with a portfolio of work you can show off!



Course Code: EDL109

Middle School Coding 1b: Learning Python and Javascript

Let's take the coding skills you learned in the previous course to the next level! You'll expand your knowledge with Advanced Python, HTML, and JavaScript. You'll further build out your portfolio and start thinking about a career in the fast-growing IT field.



Course Code: EDL077

Middle School Digital Art & Design

The world is filled with so many different forms of art – including digital art. In this course, you'll explore this special genre of art found in everything from advertising to animation to photography and beyond. Additionally, you'll tap into your creative side to create digital art and make it come alive!



Course Code: EDL341

Middle School Exploring Business

Are you interested in business, leading people, or making decisions to help a business be successful? While there are many different career choices in the field of business, in this course, you'll discover options such as management, human resources, business operations, information management, and accounting. Explore the skills you'll need, common tasks, the technology used, and characteristics of various business careers.



Course Code: EDL342

Middle School Exploring Health Science

Where do healthcare workers spend their days? What do they really do? From cruise ships to sports arenas, you can find healthcare workers in many places that you might not expect. Explore this field, including what it would be like to work in a medical lab. Learn what it takes to keep you and your patients safe, and begin to learn about the human body and basic first-aid.



Course Code: EDL043

Middle School Exploring Information Technology

Are you interested in creating a website or app, or managing various technology solutions, but not sure where to start? If so, then it's time to explore the different career options available to you in IT and learn the foundations of IT to get you started. Examine various IT pathways of web and digital communications, information and support services, network systems, and programming and software development. Let's investigate which career pathway is right for you!



Course Code: EDL079

Middle School Exploring Music

What comes to mind when you hear the word 'music'? Do you think about your favorite band or artist? In this course, you'll learn about how we hear music; how music affects our lives; essential elements of music like rhythm, pitch, and harmony; different musical genres; singing and your voice; various instruments; music composition; and the history and culture of music over the years.



Course Code: EDL080

Middle School Fitness

What does being fit mean to you? It's more than just a number on a scale, and this course will help you understand the basics behind what it means to be physically fit. Learn how your body functions; learn the complex science behind exercise; explore what it means to be mindful and what inspires you, and determine how you can test your current level of fitness.



Course Code: EDL103

Middle School Game Design 1a

We love to play video games, but have you ever wanted to build your own? If you are interested in a career in technology but also want a creative outlet, Game Design might be the field for you. Learn how to build a game from the ground up in this interactive and hands-on course that will teach you all the ins and outs of making your own game.



Course Code: EDL110

Middle School Game Design 1b

It's time to take your Game Design knowledge up a level! You built your game design skills and Scratch techniques in the first part of this course. By the end, you wrote your game design document. Now you are ready to start developing that game! You'll create details and add component pieces in a game while learning to prototype, troubleshoot, and test.



Course Code: EDL041

Middle School Journalism

Are you someone who likes to write to get the story straight? Skilled journalists know how to find key facts and write them up in a way that makes it easy for others to read. In this course, you'll learn how to ask the right questions, how to gather information effectively, organize ideas, format stories, and edit your articles. Get ready to break that news!



Course Code: EDL345

Middle School Photography 1a: Introduction

Photographs are all around us, and each helps to tell a story. Now it's time for you to create your story through photos you learn how to take in this course. Learn the basics of using a camera, lighting, and how to choose great subjects to create magazine-worthy photos and amaze your friends and family with your skills.



Course Code: EDL346

Middle School Photography 1b: Drawing with Light

Do you have vacation photos or pics of your pet that need a little editing? How about getting ready to add that new selfie you took to your social media platform? Taking photos is an art, and editing photos is a skill that many photographers seek to master. Explore how to manipulate angles and lighting, the purpose for different types of photo files, how to use different software to edit photos, and safe places you can store them. You'll be well on your way to being an editing guru when you're done with this course.



Course Code: EDL068

Military Careers

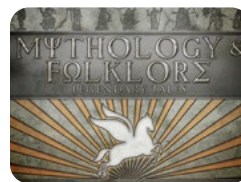
Do you really understand how the military works or what it can do for you? The military offers far more career diversity than most people imagine. You will learn about the five military branches – Air Force, Army, Coast Guard, Marines Corps, and Navy – and examine which jobs you might like to pursue. From aviation to medicine, to law enforcement, the military can be an outstanding place to achieve your dreams in a supportive and well-structured environment.



Course Code: EDL023

Music Appreciation: The Enjoyment of Listening

Have you ever heard a music piece that made you want to get up and dance, sing, or even cry? Regardless of the genre, music moves us. Explore the elements and pieces of music. And learn through the historical context, musicians and composers, and influence of music from the Middle Ages to the 21st century, on how to listen and really hear the different music that makes up our world.



Course Code: EDL026

Mythology and Folklore: Legendary Tales

Since the beginning of time, people have gathered around fires to tell stories of angry gods, harrowing journeys, cunning animals, horrible beasts, and the mighty heroes who vanquished them. Mythology and folklore have provided a way for these colorful stories to spring to life for thousands of years and helped humans make sense of the world. Explore how these compelling tales continue to shape society even today.

N



Course Code: EDL074

National Security

Do you know what it takes to keep an entire nation safe? It not only requires knowledge of how to handle disasters, but it also demands a cool head and tremendous leadership abilities. Learn about the critical elements of the job, such as evaluating satellite information, analyzing training procedures, assessing military engagement, preparing intelligence reports, coordinating information with other security agencies, and applying appropriate actions to various threats. Discover the requirements of our nation's most demanding career.



Course Code: EDL065

Nutrition and Wellness

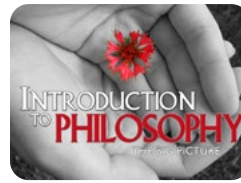
Keeping our physical body healthy and happy is just one of the many challenges we face, and yet, many of us don't know how to achieve it best. In this course, you'll explore positive decisions around diet and food preparation to pursue a healthy, informed lifestyle. Making sure you know how to locate, buy, and prepare fresh, delicious food will make you and your body feel amazing.



Course Code: EDL043

Peer Counseling

Are you a great listener and love to help people achieve their goals? The role of a peer counselor is a rewarding one. Learn the skills of observation, listening, and emphatic communication that counselors need, while also discovering basic training in conflict resolution and group leadership. You'll learn how to be a great peer counselor, but also how to communicate effectively in personal and work relationships.



Course Code: EDL009

Philosophy: The Big Picture

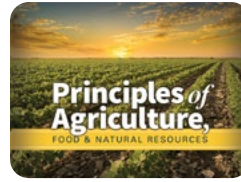
Have you ever thought about 'deep' questions like "Who am I?" "What do I really know about the world?" If so, you're not alone. Philosophers are some of the most brilliant and influential thinkers, some of whom have influenced many of our fundamental ideas in Western civilization, such as government, law, and society. Learn about famous philosophers and explore some of the same questions these great thinkers pondered.



Course Code: EDL018

Personal and Family Finance

We all know money is essential in life, and the financial decisions you make today may have a lasting effect on your future. Explore how to spend and save your money wisely, and learn key financial concepts around taxes, credit, and money management. Discover how education, career choices, and financial planning can lead you in the right direction to making your life simpler, steadier, and more enjoyable.



Course Code: EDL070

Principles of Agriculture, Food and Natural Resources

Did you know that the world's population could be 11 billion people by 2050? With a growing population, how do we keep everyone fed? This is where the importance of agriculture, food, and natural resources comes in! Gain a stronger sense of how we can maximize the foods and natural resources the earth provides. Learn more about agriculture's history, animal husbandry, plant science, and natural resources, and you'll be better prepared for your part in sustaining the world.



Course Code: EDL076

Personal Fitness

What does being fit really mean? It's not only about losing weight. Being fit is about living life to the fullest and making the most of what you have yourself! You'll learn about body functions, safety, diet, goals, and strategies for longevity. Explore the world of healthy living and see how real fitness can be achieved through intention, effort, and just the right amount of knowledge.



Course Code: EDL058

Principles of Public Service: To Serve & Protect

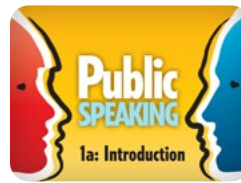
Public service is a field that focuses on building a safe and healthy world, and you'll explore the many different career choices that are imperative to our comfort and success as a society. The protection of society is not only one of our greatest challenges, but it also provides ways for people to work together to ensure safety and provide indispensable services. If you have ever contemplated being one of these real-life heroes, now is the time to learn more!



Course Code: EDL001

Personal Psychology I: The Road to Self-Discovery

Have you ever wondered why you do the things you do? Or how our behavior changes as we age? Psychology can give you the answers! Trace the development of personality and behavior from infancy through adulthood. Are you ready to explore the world of human behavior? Explore all that psychology can offer to help you to truly understand the human experience.



Course Code: EDL128

Public Speaking 1a: Introduction

Do you strive to gain more confidence when speaking in front of people? Learn techniques from famous speakers throughout history while learning what it takes to make a great speech. Develop skills that will serve you well throughout your career and personal life.



Course Code: EDL005

Personal Psychology 2: Living in a Complex World

Why do you sometimes remember complex things but forget all of a sudden where you left your shoes? Why is your personality similar or different from your siblings? Why do some things motivate you more than others? Discover how you learn and remember, the impact of stress on your emotions and mental health, and what influences your personality and emotions. Basically, let's explore what makes you 'you'!



Course Code: EDL129

Public Speaking 1b: Finding Your Voice

Bring your speeches to life by learning about body language, vocal, and other techniques. Learn about logic and reason while gaining the confidence to help create and deliver great presentations and speeches. You will also critically examine your speeches and presentations and those of others to improve upon your in-person and virtual presentation skills.

R



Course Code: EDL107

Reading and Writing for Purpose

As you move through high school to college or to your career, the types of writing and documents become more high stakes. Real-world information can be journalistic and researched-based articles, legal, insurance, college entrance forms, employment, vehicle-related documents, and more. Learn how to critically read, write, and evaluate real-world writings to set you up for your future success.



Course Code: EDL106

Real World Parenting

Do you love children? Maybe you plan on babysitting or having your own someday. Learn how being a parent is much more than merely feeding, bathing, and protecting a child. Creating a positive environment, nurturing, fostering education, and serving as a role model are critical aspects. Learn how to be a positive force in the development of your future children, as well as others around you.

S



Course Code: EDL059

Social Media: Our Connected World

Do you have any social media accounts? Learn the ins and outs of such social media platforms as Facebook, Twitter, Pinterest, Google+, and more and how to use them for your benefit personally, academically, and, eventually, professionally. If you thought social media platforms were just a place to keep track of friends and share personal photos, this course will show you how to use these resources in much more powerful ways.



Course Code: EDL002

Social Problems I: A World in Crisis

War, crime, poverty, global warming, healthcare, effects of media, and more. Explore some of the biggest challenges facing our world today and what led to these social problems. What effects do they have on our lives and societies? What possible solutions exist for solving them? Discover what measures you can take to tackle these issues head-on and start to develop your plan of action.



Course Code: EDL010

Social Problems 2: Crisis, Conflicts, and Challenges

Sometimes our world is filled with problems. Explore more of the challenges we face as individuals and as a global society and learn what we can do to reduce the effects of these conflicts and problems. From drug abuse to terrorists to homelessness and obesity, we can better face and solve these problems when we have a deeper understanding of their causes and influences on our lives.



Course Code: EDL071

Renewable Technologies

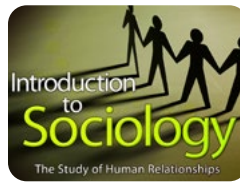
Renewable Technologies are becoming increasingly important as concerns about climate change, the use of fossil fuels, and population growth become foremost in the public eye. So, how do we address the world's growing concerns about energy sources? Uncover the development of new energy technologies and explore how recent approaches to renewable technologies unlock the solution needed for a safer, cleaner, and more enduring world.



Course Code: EDL061

Restaurant Management

Have you ever dreamed of running your own restaurant? Explore exactly what's needed to run a successful restaurant, including ordering supplies, hiring quality workers, maintaining inventory, and managing a large staff. Understanding such concepts as food safety, hygiene, customer relations, marketing, and using a point-of-sale system are crucial to being an effective restaurateur. Whether you are hoping to operate a casual sit-down eatery, oversee a fine dining establishment, or buy a food franchise, this course is the perfect first step.



Course Code: EDL006

Sociology I:

The Study of Human Relationships

Human beings are complex creatures, and when we interact and begin to form relationships and societies, things become even more complicated. Are we more likely to act differently in a group than we will when we're alone? How do we learn how to be "human"? Examine answers to these questions and many more as you explore culture, group behavior, and societal institutions and how they affect human behavior.



Course Code: EDL007

Sociology II: Your Social Life

Have you ever looked at your social media feed and wondered why there is always so much fighting over social issues? Discover how social institutions like families, religion, government, and education shape our world and how collective behavior and social movements can create change. Investigate how our lives are shaped by entertainment, social institutions, and social change.



Course Code: EDL034

Sports and Entertainment Marketing

The world of sports and entertainment is never boring. This field offers careers that combine entertainment with traditional marketing, but with a whole lot more glamour. Explore basic marketing principles while delving deeper into the multi-billion dollar sports and entertainment industry. Learn how professional athletes, sports teams, and famous entertainers are marketed as commodities and how the savvy people who handle these deals can become very successful.

T



Course Code: EDL050

The Lord of the Rings: An Exploration of the Films and Their Literary Influences

The Lord of the Rings is one of the most popular stories in the modern world. In this course, you will study the movie versions of J.R.R. Tolkien's novel and learn about the process of converting literature to film. You

will explore fantasy literature as a genre and critique the three Lord of the Rings films.



Course Code: EDL355

Theater, Cinema and Film Production Ia: Introduction

Lights! Camera! Action! Theater and cinema are both forms of art that tell a story. Let's explore the enchanting world of live theater and its fascinating relationship to the silver screen. Explore the different genres of both

and how to develop the script for stage and film. Then dive into how to bring the script to life with acting and directing. If you have a passion for the art of film and stage, let's bring your creativity to life!



Course Code: EDL356

Theater, Cinema and Film Production Ib: Lights, Camera, Action!

Lights, camera, action ... take two! Whether you're a performer, critic, or fan, you'll pull back the curtain to dive deeper into the making of movies and theater performances. Explore multiple facets of the production process from

both theater and film. Gain insights from industry leaders along the way and learn to think critically about different aspects to develop your unit-by-unit blog. You'll fully understand how high-quality entertainment and art are crafted for the theater and the silver screen.

V



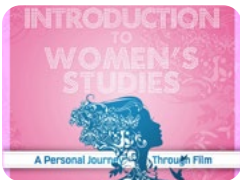
Course Code: EDL012

Veterinary Science: The Care of Animals

Whether you want to step into the wild side of veterinary medicine or just take care of loveable dogs and cats, explore how to care for domestic, farm, and wild animals, diagnose their common diseases and ailments, and learn about different veterinary

treatments. If you have always been drawn to the world of our furry, scaly, and feathered friends, this is the course for you!

W



Course Code: EDL051

Women's Studies: A Personal Journey Through Film

Break down stereotypes and learn about feminism and the women's movement. Learn to critically examine films while learning about the history of the women's movement and how gender, race, and social

class influence us. Women have earned their right to stand up and be recognized as equal partners and reap the benefits of their hard work. As the anonymous quote goes, "History is Herstory too."



Course Code: EDL340

Workplace & Internship Readiness: Preparing for Work & Life

Starting your first "real" job can be intimidating. But when you know what to expect and learn how to be successful, you'll feel confident about the hiring process and prepared to put yourself out there!

Discover how to build a well-rounded set of employability and personal leadership skills that allow you to guide your own career. Learn how to communicate with others, take initiative, set goals, problem-solve, research different career options, and envision your own personal career path. Get ready to create a powerful launching pad that will help you blast off into a great first job experience!



Course Code: EDL024

World Religions: Exploring Diversity

Throughout the ages, religions worldwide have shaped the political, social, and cultural aspects of societies. Explore the major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism,

Shintoism, and Taoism. Trace the major developments in these religions and examine their relationships with social institutions and culture, as well as the similarities and differences and connections and influences they have.