















































































K-5 Core Courses

 Indicates NEW Course or Vendor;  Indicates Updated Course

SCED	Course Name	Content	Subject	Vendor	Course Description
1028	Kindergarten	A	 Language Arts	AMP	The Kindergarten course lays the groundwork for reading and writing. It aims to combine excellent decoding instruction with frequent reading-aloud
1028	Kindergarten	B	 Language Arts	AMP	The Kindergarten course lays the groundwork for reading and writing. It aims to combine excellent decoding instruction with frequent reading-aloud
2030	Kindergarten Math 	A	 Math	AMP	In this problem-based curriculum, students will build on their math skills through exploration with interactives and virtual manipulatives.
2030	Kindergarten Math 	B	 Math	AMP	In this problem-based curriculum, students will build on their math skills through exploration with interactives and virtual manipulatives.
3230	Kindergarten Science	A	 Science	AMP	The Kindergarten science course builds students' knowledge about core ideas in life, physical, and earth sciences, as well as engineering design.
3230	Kindergarten Science	B	 Science	AMP	The Kindergarten science course builds students' knowledge about core ideas in life, physical, and earth sciences, as well as engineering design.
4430	Kindergarten Social	A	 Social Studies	AMP	Kindergarten Social Studies includes history, geography, economics, and civics lessons plus additional resources for teachers and students.
4430	Kindergarten Social	B	 Social Studies	AMP	Kindergarten Social Studies includes history, geography, economics, and civics lessons plus additional resources for teachers and students.
1029	1st Grade Language	A	 Language Arts	AMP	The course continues to build the foundation for reading and writing. It includes frequent read-alouds that help students build the background
1029	1st Grade Language	B	 Language Arts	AMP	The course continues to build the foundation for reading and writing. It includes frequent read-alouds that help students build the background
2031	1st Grade Math 	A	 Math	AMP	In this problem-based curriculum, students will build on their math skills through exploration with interactives and virtual manipulatives.
2031	1st Grade Math 	B	 Math	AMP	In this problem-based curriculum, students will build on their math skills through exploration with interactives and virtual manipulatives.
3231	1st Grade Science	A	 Science	AMP	Grade 1 science continues to build students' knowledge about core ideas in life, physical, and earth sciences, as well as engineering design.
3231	1st Grade Science	B	 Science	AMP	Grade 1 science continues to build students' knowledge about core ideas in life, physical, and earth sciences, as well as engineering design.
4431	1st Grade Social	A	 Social Studies	AMP	First Grade Social Studies includes history, geography, economics, and civics lessons plus additional resources for teachers and students.
4431	1st Grade Social	B	 Social Studies	AMP	First Grade Social Studies includes history, geography, economics, and civics lessons plus additional resources for teachers and students.
1030	2nd Grade Language	A	 Language Arts	AMP	The course includes frequent read-alouds that help students build the background knowledge and vocabulary critical to listening and reading
1030	2nd Grade Language	B	 Language Arts	AMP	The course includes frequent read-alouds that help students build the background knowledge and vocabulary critical to listening and reading
2032	2nd Grade Math 	A	 Math	AMP	In this problem-based curriculum, students will build on their math skills through exploration with interactives and virtual manipulatives.
2032	2nd Grade Math 	B	 Math	AMP	In this problem-based curriculum, students will build on their math skills through exploration with interactives and virtual manipulatives.
3232	2nd Grade Science	A	 Science	AMP	Grade 2 science continues to build students' knowledge about core ideas in life, physical, and earth sciences, as well as engineering design.
3232	2nd Grade Science	B	 Science	AMP	Grade 2 science continues to build students' knowledge about core ideas in life, physical, and earth sciences, as well as engineering design.
4432	2nd Grade Social	A	 Social Studies	AMP	Second Grade Social Studies includes history, geography, economics, and civics lessons plus additional resources for teachers and students.
4432	2nd Grade Social	B	 Social Studies	AMP	Second Grade Social Studies includes history, geography, economics, and civics lessons plus additional resources for teachers and students.
1031	3rd Grade Language	A	 Language Arts	AMP	The course includes frequent read-alouds that help students build the background knowledge and vocabulary critical to listening and reading
1031	3rd Grade Language	B	 Language Arts	AMP	The course includes frequent read-alouds that help students build the background knowledge and vocabulary critical to listening and reading
2033	3rd Grade Math 	A	 Math	AMP	In this problem-based curriculum, students will build on their math skills through exploration with interactives and virtual manipulatives.
2033	3rd Grade Math 	B	 Math	AMP	In this problem-based curriculum, students will build on their math skills through exploration with interactives and virtual manipulatives.
3233	3rd Grade Science	A	 Science	AMP	Grade 3 science builds on prior understanding of scientific topics to support increasingly sophisticated learning. Students will investigate forces; life
3233	3rd Grade Science	B	 Science	AMP	Grade 3 science builds on prior understanding of scientific topics to support increasingly sophisticated learning. Students will investigate forces; life
4433	3rd Grade Social	A	 Social Studies	AMP	Grade 3 social studies is a comprehensive program that is meant to prepare students to actively participate in a democratic society. Students will
4433	3rd Grade Social	B	 Social Studies	AMP	Grade 3 social studies is a comprehensive program that is meant to prepare students to actively participate in a democratic society. Students will
1032	4th Grade Language	A	 Language Arts	AMP	Students read from a variety of texts, including excerpts from <i>Brown Girl Dreaming</i> by Jacqueline Woodson, legends of King Arthur and his knights,
1032	4th Grade Language	B	 Language Arts	AMP	Students read from a variety of texts, including an abridged version of <i>Treasure Island</i> by Robert Louis Stevenson and informational texts about
2034	4th Grade Math 	A	 Math	AMP	In this problem-based curriculum, students will build on their math skills through exploration with interactives and virtual manipulatives.
2034	4th Grade Math 	B	 Math	AMP	In this problem-based curriculum, students will build on their math skills through exploration with interactives and virtual manipulatives.
3234	4th Grade Science	A	 Science	AMP	Grade 4 science builds on prior understanding of scientific topics to support increasingly sophisticated learning. Students will investigate energy
3234	4th Grade Science	B	 Science	AMP	Grade 4 science builds on prior understanding of scientific topics to support increasingly sophisticated learning. Students will investigate energy
4434	4th Grade Social	A	 Social Studies	AMP	Grade 4 social studies is a comprehensive program that is meant to prepare students to actively participate in a democratic society. Students
4434	4th Grade Social	B	 Social Studies	AMP	Grade 4 social studies is a comprehensive program that is meant to prepare students to actively participate in a democratic society. Students
1033	5th Grade Language	A	 Language Arts	AMP	Students study contemporary and classic fiction, as well as informational texts. Readings include excerpts from the contemporary novel <i>They Call</i>
1033	5th Grade Language	B	 Language Arts	AMP	Students study contemporary and classic fiction, as well as informational texts. Readings include an adaptation of Shakespeare's <i>A Midsummer</i>
2035	5th Grade Math 	A	 Math	AMP	In this problem-based curriculum, students will build on their math skills through exploration. Throughout this course, students will use interactives
2035	5th Grade Math 	B	 Math	AMP	In this problem-based curriculum, students will build on their math skills through exploration. Throughout this course, students will use interactives
3235	5th Grade Science	A	 Science	AMP	Grade 5 science builds on prior understanding of scientific topics to support increasingly sophisticated learning. Students will investigate matter;
3235	5th Grade Science	B	 Science	AMP	Grade 5 science builds on prior understanding of scientific topics to support increasingly sophisticated learning. Students will investigate matter;
4435	5th Grade Social	A	 Social Studies	AMP	Grade 5 social studies is a comprehensive program that is meant to prepare students to actively participate in a democratic society. Students
4435	5th Grade Social	B	 Social Studies	AMP	Grade 5 social studies is a comprehensive program that is meant to prepare students to actively participate in a democratic society. Students







K-5 Elective Courses

 Indicates NEW Course or Vendor;  Indicates Updated Course





SCED Codes	Course Name	Content Mapping	Subject	Vendor	Course Description
8070	Kindergarten Health	A	 Health	AED	Elementary Health K-1 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, communication, disease prevention, basic anatomy and physiology, and values of cooperation and teamwork.
8070	Kindergarten Health	B	 Health	AED	Elementary Health K-1 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, communication, disease prevention, basic anatomy and physiology, and values of cooperation and teamwork.
8030	Kindergarten PE	A	 Physical Education	AED	Elementary PE K-1 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include exercise safety, making healthy choices, nutrition, the benefits, components, and principles of fitness, basic anatomy and physiology, and values of cooperation and teamwork. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity
8030	Kindergarten PE	B	 Physical Education	AED	Elementary PE K-1 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include exercise safety, making healthy choices, nutrition, the benefits, components, and principles of fitness, basic anatomy and physiology, and values of cooperation and teamwork. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity
8071	1st Grade Health	A	 Health	AED	Elementary Health K-1 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, communication, disease prevention, basic anatomy and physiology, and values of cooperation and teamwork.
8071	1st Grade Health	B	 Health	AED	Elementary Health K-1 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, communication, disease prevention, basic anatomy and physiology, and values of cooperation and teamwork.
8031	1st Grade PE	A	 Physical Education	AED	Elementary PE K-1 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include exercise safety, making healthy choices, nutrition, the benefits, components, and principles of fitness, basic anatomy and physiology, and values of cooperation and teamwork. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity
8031	1st Grade PE	B	 Physical Education	AED	Elementary PE K-1 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include exercise safety, making healthy choices, nutrition, the benefits, components, and principles of fitness, basic anatomy and physiology, and values of cooperation and teamwork. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity
8072	2nd Grade Health	A	 Health	AED	Elementary Health 2-3 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, disease prevention, conflict resolution, basic anatomy and physiology, and the values of respect and cooperation.
8072	2nd Grade Health	B	 Health	AED	Elementary Health 2-3 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, disease prevention, conflict resolution, basic anatomy and physiology, and the values of respect and cooperation.
8032	2nd Grade PE	A	 Physical Education	AED	Elementary PE 2-3 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include warm-up and cool down, water safety, goal setting, nutrition, muscle strength and flexibility. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.
8032	2nd Grade PE	B	 Physical Education	AED	Elementary PE 2-3 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include warm-up and cool down, water safety, goal setting, nutrition, muscle strength and flexibility. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.
8073	3rd Grade Health	A	 Health	AED	Elementary Health 2-3 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, disease prevention, conflict resolution, basic anatomy and physiology, and the values of respect and cooperation.
8073	3rd Grade Health	B	 Health	AED	Elementary Health 2-3 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, disease prevention, conflict resolution, basic anatomy and physiology, and the values of respect and cooperation.
8033	3rd Grade PE	A	 Physical Education	AED	Elementary PE 2-3 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include warm-up and cool down, water safety, goal setting, nutrition, muscle strength and flexibility. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.
8033	3rd Grade PE	B	 Physical Education	AED	Elementary PE 2-3 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include warm-up and cool down, water safety, goal setting, nutrition, muscle strength and flexibility. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.
8074	4th Grade Health	A	 Health	AED	Elementary Health 4-5 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, reducing illness, avoiding bullying, nutrition, healthy friendships, emergency situations, and the human body. Fourth grade will study the functioning systems of the body. Fifth grade will be covering the reproductive system, puberty and STDs.

8074	4th Grade Health	B	 Health	AED	Elementary Health 4-5 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, reducing illness, avoiding bullying, nutrition, healthy friendships, emergency situations, and the human body. Fourth grade will study the functioning systems of the body. Fifth grade will be covering the reproductive system, puberty and STDs.
8034	4th Grade PE	A	 Physical Education	AED	Elementary PE 4-5 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include warm-up and cool down, water safety, goal setting, nutrition, muscle strength and flexibility. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.
8034	4th Grade PE	B	 Physical Education	AED	Elementary PE 4-5 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include warm-up and cool down, water safety, goal setting, nutrition, muscle strength and flexibility. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.
8075	5th Grade Health	A	 Health	AED	Elementary Health 4-5 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, reducing illness, avoiding bullying, nutrition, healthy friendships, emergency situations, and the human body. Fourth grade will study the functioning systems of the body. Fifth grade will be covering the reproductive system, puberty and STDs.
8075	5th Grade Health	B	 Health	AED	Elementary Health 4-5 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, reducing illness, avoiding bullying, nutrition, healthy friendships, emergency situations, and the human body. Fourth grade will study the functioning systems of the body. Fifth grade will be covering the reproductive system, puberty and STDs.
8035	5th Grade PE	A	 Physical Education	AED	Elementary PE 4-5 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include warm-up and cool down, water safety, goal setting, nutrition, muscle strength and flexibility. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.
8035	5th Grade PE	B	 Physical Education	AED	Elementary PE 4-5 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include warm-up and cool down, water safety, goal setting, nutrition, muscle strength and flexibility. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.
12005	Keyboarding for Younger Students	S (1 Semester ONLY)	 Electives	AED	The keyboarding course is appropriate for elementary and middle school students. The curriculum introduces new keys by rows where students first learn the middle row, then the top row and the bottom row of the keyboard. The content is designed with a strong focus on sight and high frequency words. This course assumes no keyboarding experience and will guide them through the keyboard. <i>Designed for grades 3-8</i>
24050	Introductory Spanish <i>* Incremental charges will apply</i>	A	 World Language	FLEX	The Elementary Spanish Introductory Level allows students to explore the basics of the Spanish language. Students will learn about the culture of Mexico. They will also learn basic vocabulary through interactive games, videos, and different forms of practice activities.
24050	Introductory Spanish <i>* Incremental charges will apply</i>	B	 World Language	FLEX	The Elementary Spanish Introductory Level allows students to explore the basics of the Spanish language. Students will learn about the culture of Mexico. They will also learn basic vocabulary through interactive games, videos, and different forms of practice activities.
24050	Level 1 Spanish <i>* Incremental charges will apply</i>	A	 World Language	FLEX	The Elementary Spanish Level One course allows students to explore the basics of the Spanish language. Students will learn about the culture and country of Spain. They will learn basic vocabulary through interactive games, videos, and different forms of practice activities.
24050	Level 1 Spanish <i>* Incremental charges will apply</i>	B	 World Language	FLEX	The Elementary Spanish Level One course allows students to explore the basics of the Spanish language. Students will learn about the culture and country of Spain. They will learn basic vocabulary through interactive games, videos, and different forms of practice activities.
24050	Level 2 Spanish <i>* Incremental charges will apply</i>	A	 World Language	FLEX	The Elementary Spanish Level Two course allows students to learn new Spanish vocabulary. The course also begins to teach letter sounds and syllables in the target language. Students will explore the culture and traditions of Peru. They will also learn new vocabulary and more about the Peruvian culture through interactive games and different forms of practice activities.
24050	Level 2 Spanish <i>* Incremental charges will apply</i>	B	 World Language	FLEX	The Elementary Spanish Level Two course allows students to learn new Spanish vocabulary. The course also begins to teach letter sounds and syllables in the target language. Students will explore the culture and traditions of Peru. They will also learn new vocabulary and more about the Peruvian culture through interactive games and different forms of practice activities.
24050	Level 3 Spanish <i>* Incremental charges will apply</i>	A	 World Language	FLEX	The Elementary Spanish Level Three course dives deeper into the Spanish language. Students will explore the culture of the Caribbean Islands. They will begin to learn about letter combinations/blends and their syllables as well as new vocabulary. Students will be introduced to basic Spanish grammar rules. They will also be focusing on asking and answering questions in the target language. They will be able to participate in interactive games and activities.
24050	Level 3 Spanish <i>* Incremental charges will apply</i>	B	 World Language	FLEX	The Elementary Spanish Level Three course dives deeper into the Spanish language. Students will explore the culture of the Caribbean Islands. They will begin to learn about letter combinations/blends and their syllables as well as new vocabulary. Students will be introduced to basic Spanish grammar rules. They will also be focusing on asking and answering questions in the target language. They will be able to participate in interactive games and activities.
24050	Level 4 Spanish <i>* Incremental charges will apply</i>	A	 World Language	FLEX	The Elementary Spanish Level Four course goes deeper into learning the Spanish language. Students will build their Spanish vocabulary and learn grammar rules that apply to the target language. They will explore countries in South America, along with their cultures and traditions. Students will learn about seasons and how seasons are opposite in Patagonia. They will be engaged in learning the Spanish culture and language through interactive games and activities.
24050	Level 4 Spanish <i>* Incremental charges will apply</i>	B	 World Language	FLEX	The Elementary Spanish Level Four course goes deeper into learning the Spanish language. Students will build their Spanish vocabulary and learn grammar rules that apply to the target language. They will explore countries in South America, along with their cultures and traditions. Students will learn about seasons and how seasons are opposite in Patagonia. They will be engaged in learning the Spanish culture and language through interactive games and activities.
24050	Level 5 Spanish <i>* Incremental charges will apply</i>	A	 World Language	FLEX	The Elementary Spanish Level Five course takes students on a journey to countries in Central America. Students will be immersed in the Central American culture and language. Students will dive deeper into grammar rules that apply in the target language. They will learn to write simple sentences in Spanish. Students will enjoy learning the language through interactive games and activities.







24050	Level 5 Spanish <i>* Incremental charges will apply</i>	B	World Language	FLEX	The Elementary Spanish Level Five course takes students on a journey to countries in Central America. Students will be immersed in the Central American culture and language. Students will dive deeper into grammar rules that apply in the target language. They will learn to write simple sentences in Spanish. Students will enjoy learning the language through interactive games and activities.
5130	Kindergarten Music	Yearlong	Electives	Quaver	Quaver is a digital program accessed through the course navigation in Canvas It provides music education for grades K-5.
5131	1st Grade Music	Yearlong	Electives	Quaver	Quaver is a digital program accessed through the course navigation in Canvas It provides music education for grades K-5.
5132	2nd Grade Music	Yearlong	Electives	Quaver	Quaver is a digital program accessed through the course navigation in Canvas It provides music education for grades K-5.
5133	3rd Grade Music	Yearlong	Electives	Quaver	Quaver is a digital program accessed through the course navigation in Canvas It provides music education for grades K-5.
5134	4th Grade Music	Yearlong	Electives	Quaver	Quaver is a digital program accessed through the course navigation in Canvas It provides music education for grades K-5.
5135	5th Grade Music	Yearlong	Electives	Quaver	Quaver is a digital program accessed through the course navigation in Canvas It provides music education for grades K-5.
5180	Arts and Crafts K	A	Electives	AED	This course provides a foundation for children's inherent artistic imagination and creativity by sharing the basics of art and making art. Students are introduced to lines, circles, recognizing and using shapes, creating a collage, and concepts such as symmetry. Young artists will also explore a variety of media such as pastels, watercolors, crayons, tempera, and pencil drawing. A particular emphasis on this course is on creating works of art. In this semester students will work with clay, draw with pastels, make fingerprint flowers, draw barns and animals using shapes, and recognizing lines using the student's name. <i>Recommended for Kindergarten Art</i>
5180	Arts and Crafts K	B	Electives	AED	Emphasis in the second semester is placed on applying what the students have learned to make more detailed works of art. Among the projects this semester, students will create a bird feeder, make pig puppets, craft paper flowers, make potpourri, craft a heart collage, construct a wind chime, and press flowers. <i>Recommended for Kindergarten Art</i>
5181	Arts and Crafts 1	A	Electives	AED	This course provides a foundation for children's inherent artistic imagination and creativity by sharing the basics of art and making art. Students are introduced to primary colors, the color wheel, shapes such as lines and circles, and concepts such as symmetry. Young artists will also explore a variety of media such as pastels, watercolors, crayons, tempera, and pencil drawing. A particular emphasis on this course is on creating works of art. In this semester students will work create a watercolor tree, use a printing block, produce weather painting, and produce a watercolor painting. <i>Recommended for 1st Grade Art</i>
5181	Arts and Crafts 1	B	Electives	AED	Emphasis in the second semester students will be placed on applying what the students have learned to make more detailed works of art. In this semester students will be creating colorful calendars, stenciling, fashioning intricate flower drawings, revisiting symmetrical objects, and mixing colors. This course will provide students with opportunities to experience many different forms of arts and to express their imagination while learning valuable skills. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live. <i>Recommended for 1st Grade Art</i>
5182	Art Level 1	S (1 Semester ONLY)	Electives	AED	The importance of fine arts is a benefit, not just to the older student and population, but is a necessary area of development for the young student who will benefit with it in all areas of education. Art provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop what they already know as a source of knowledge and creativity. It is important for the student to make a connection between the verbal and visual; logic and emotions; imagination and reality. Art offers the student an opportunity to express feelings and emotions in their drawings and with color. The fine art program promotes self-esteem and self-awareness as it enhances personal fulfillment. Children have a wonderful imagination that, if encouraged, will be needed though out their life. This program provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. Again, this is a necessity in lifetime experiences. The student will see the artistic expressions and inventions from cultures around the world that are part of the history of mankind and development. Modern media provides many opportunities to the student. However, the student has the benefit to experience it more closely in art classes. Repetition, important for young children, is evident in these lessons. Repetition is provided at different age levels while using various tools and mediums. Home, family and friends, pets, and toys are the young student's world. The student will begin with their personal world as they think they know it, and discover so much more about it. These lessons provide a deeper awareness of the world immediately around them, and eventually their journey will grow from there. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live. <i>Recommended for 2nd Grade Art</i>





5183	Art Level 2	S (1 Semester ONLY)	 Electives	 AED	<p>The importance of fine arts is a benefit, not just to the older student and population, but is a necessary area of development for the young student who will benefit with it in all areas of education. Art provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop what they already know as a source of knowledge and creativity. It is important for the student to make a connection between the verbal and visual; logic and emotions; imagination and reality. Art offers the student an opportunity to express feelings and emotions in their drawings and with color. The fine art program promotes self-esteem and self-awareness as it enhances personal fulfillment. Children have a wonderful imagination that, if encouraged, will be needed though out their life. This program provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. Again, this is a necessity in lifetime experiences. The student will see the artistic expressions and inventions from cultures around the world that are part of the history of mankind and development. Modern media provides many opportunities to the student. However, the student has the benefit to experience it more closely in art classes. Repetition, important for young children, is evident in these lessons. Repetition is provided at different age levels while using various tools and mediums. Home, family and friends, pets, and toys are the young student's world. The student will begin with their personal world as they think they know it, and discover so much more about it. These lessons provide a deeper awareness of the world immediately around them, and eventually their journey will grow from there. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live.</p> <p><i>Recommended for 3rd Grade Art</i></p>
5183	Art Level 3	S (1 Semester ONLY)	 Electives	 AED	<p>The importance of fine arts is a benefit, not just to the older student and population, but is a necessary area of development for the young student who will benefit with it in all areas of education. Art provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop what they already know as a source of knowledge and creativity. It is important for the student to make a connection between the verbal and visual; logic and emotions; imagination and reality. Art offers the student an opportunity to express feelings and emotions in their drawings and with color. The fine art program promotes self-esteem and self-awareness as it enhances personal fulfillment. Children have a wonderful imagination that, if encouraged, will be needed though out their life. This program provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. Again, this is a necessity in lifetime experiences. The student will see the artistic expressions and inventions from cultures around the world that are part of the history of mankind and development. Modern media provides many opportunities to the student. However, the student has the benefit to experience it more closely in art classes. Repetition, important for young children, is evident in these lessons. Repetition is provided at different age levels while using various tools and mediums. Home, family and friends, pets, and toys are the young student's world. The student will begin with their personal world as they think they know it, and discover so much more about it. These lessons provide a deeper awareness of the world immediately around them, and eventually their journey will grow from there. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live.</p> <p><i>Recommended for 4th Grade Art</i></p>
5184	Art Level 4	S (1 Semester ONLY)	 Electives	 AED	<p>The importance of fine arts is a benefit, not just to the older student and population, but is a necessary area of development for the young student who will benefit with it in all areas of education. Art provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop what they already know as a source of knowledge and creativity. It is important for the student to make a connection between the verbal and visual; logic and emotions; imagination and reality. Art offers the student an opportunity to express feelings and emotions in their drawings and with color. The fine art program promotes self-esteem and self-awareness as it enhances personal fulfillment. Children have a wonderful imagination that, if encouraged, will be needed though out their life. This program provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. Again, this is a necessity in lifetime experiences. The student will see the artistic expressions and inventions from cultures around the world that are part of the history of mankind and development. Modern media provides many opportunities to the student. However, the student has the benefit to experience it more closely in art classes. Repetition, important for young children, is evident in these lessons. Repetition is provided at different age levels while using various tools and mediums. Home, family and friends, pets, and toys are the young student's world. The student will begin with their personal world as they think they know it, and discover so much more about it. These lessons provide a deeper awareness of the world immediately around them, and eventually their journey will grow from there. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live.</p> <p><i>Recommended for 5th Grade Art</i></p>
10152	Scratch Coding	S (1 Semester ONLY)	 Electives	 AED	<p>Scratch is a program developed by MIT to teach students the basics on how computers think. This program will introduce students to real coding programs and allow them to drag and drop coding blocks, creating a fully functional program. The simple user interface and tutorials allow students to quickly create and run their code to see its results. This course assumes no prior computer coding knowledge and includes self-graded, multiple-choice tests and quizzes.</p> <p><i>Designed for grades 3-8</i></p>




6-8 Core Courses

Course Name	Content Mapping	Subject	Course Description
6th Grade Language Arts A	S1	 Language Arts	<p>Middle school students are able to independently read increasingly complex text, as well as respond in writing to these same texts. Readings include classic short stories and a variety of informational texts related to historical topics. Students will also have the opportunity to read and study a novel of their choice. Each unit in 6th grade Language Arts includes explicit instruction and practice in writing, grammar, morphology, spelling, and reading.</p> <p>Grade 6 writing expands in scope and complexity, consisting of a robust series of unit- long writing activities that incorporate language skills and focus on developing craft and structure while incorporating and building upon writing skills learned in the earlier grades. These writing projects are intended to prepare middle school students for the writing they will do in high school, college, and the professional world.</p> <p>The semester culminates with a project in which students apply the learning from the semester to complete a comprehensive activity. The projects are intended to promote independent learning as students make choices about work products and apply self- management skills to plan activities.</p>
6th Grade Language Arts B	S2	 Language Arts	<p>Middle school students are able to independently read increasingly complex text, as well as respond in writing to these same texts. Readings include classic and contemporary poetry, including Iliad and Odyssey, as well as a student- friendly version of Shakespeare’s Julius Caesar. Students will also have the opportunity to read and study a nonfiction work of their choice. Each unit in 6th grade Language Arts includes explicit instruction and practice in writing, grammar, morphology, spelling, and reading.</p> <p>Grade 6 writing expands in scope and complexity, consisting of a robust series of unit- long writing activities that incorporate language skills and focus on developing craft and structure while incorporating and building upon writing skills learned in the earlier grades. These writing projects are intended to prepare middle school students for the writing they will do in high school, college, and the professional world.</p> <p>The semester culminates with a project in which students apply the learning from the semester to complete a comprehensive activity. The projects are intended to promote independent learning as students make choices about work products and apply self- management skills to plan activities.</p>
6th Grade Math A	S1	 Math	<p>In this problem- based curriculum, students will build on their math skills through exploration. Throughout this course, students will use interactives and offline tools to explore math concepts. Students learn by doing math, solving problems in mathematical and real- world contexts, and constructing arguments using precise language. Students hear thoughts and ideas from their “virtual classmates” as they explore mathematical concepts and are encouraged to explain their thinking in writing throughout the course.</p> <p>Students begin the year exploring geometry through the study of area and surface area of figures. They then move into a study of ratios, unit rates, unit pricing, and percentages. The semester concludes with an in- depth dive into dividing fractions, focusing not only on algorithms, but also conceptualizing and applying this skill. Additional course elements include real- world applications, discussions, graphic organizers, and unit projects.</p>
6th Grade Math B	S2	 Math	<p>In this problem- based curriculum, students will build on their math skills through exploration. Throughout this course, students will use interactives and offline tools to explore math concepts. Students learn by doing math, solving problems in mathematical and real- world contexts, and constructing arguments using precise language. Students hear thoughts and ideas from their “virtual classmates” as they explore mathematical concepts and are encouraged to explain their thinking in writing throughout the course.</p> <p>Students begin this semester by exploring decimals, and learn how to perform operations with decimals in context of real- world situations and problems. They then begin to delve into algebraic concepts such as expressions, expressions with exponents, and equations with one variable. Students begin to learn about negative numbers and plot positive and negative numbers on a coordinate grid. Finally, students explore data analysis and statistical questions through the study of dot plots, histograms, median, IQR, and measures of center. Additional course elements include real- world applications, discussions, graphic organizers, and unit projects.</p>













6th Grade Science A	S1	 Science	<p>In this inquiry- based curriculum, students engage with science questions with the goal of explaining a phenomenon and/or solving a problem. Students begin by posing questions, developing models, proposing ideas for investigation, investigating and gathering data, applying data to answer questions and revise models, and then forming new questions to answer. They question, investigate, and build understanding as they read, complete interactive activities and simulations, and engage in virtual labs.</p> <p>Students begin the semester with a study of light and matter, exploring the phenomenon of one- way mirrors which act as both a window and a mirror. They will investigate how light transmission and reflection impacts how we see an object. Next, they will study thermal energy and learn how containers can keep materials hot or cold. During this study, they will investigate closed and open systems and the movement of particles. Finally, they will learn about cells and systems. Students will explore the systems of the body and investigate how we heal from injuries at a cellular level. Additional course elements include readings, discussions, and unit projects.</p>
6th Grade Science B	S2	 Science	<p>In this inquiry- based curriculum, students engage with science questions with the goal of explaining a phenomenon and/or solving a problem. Students begin by posing questions, developing models, proposing ideas for investigation, investigating and gathering data, applying data to answer questions and revise models, and then forming new questions to answer. They question, investigate, and build understanding as they read, complete interactive activities and simulations, and engage in virtual labs.</p> <p>Students begin the semester with a study of weather, climate, and water cycling. They investigate the movement of air in the atmosphere and the impact that it has on the weather. Students explore precipitation and storms and investigate why some storms are more severe than others. Next, student will learn about plate tectonics and rock cycling. They study Earth’s surface and how tectonic plate movement has impacted land. Finally, students will focus on tsunamis as they investigate natural hazards and how to prepare for them. Additional course elements include readings, discussions, and unit projects.</p>
6th Grade Social Studies A	S1	 Social Studies	<p>Social Studies 6 (1 of 2) explores geographical, social, economic and political foundations of early civilizations in Mesopotamia, Egypt, Ancient Israel, and India as they shift from nomadic societies to agricultural societies. The study of these civilizations includes the impact of geography, early history, cultural development, and economic change. The geographic focus includes the study of physical and political features, economic development and resources, and migration patterns.</p>
6th Grade Social Studies B	S2	 Social Studies	<p>Social Studies 6 (2 of 2) explores the geographic, political, economic and cultural development of ancient Grece, Rome, and China and applies historical thinking skills to understand implications of ancient literature, art, and philosophy on later Western culture. The course examines the birth and spread of Judaism, Christianity, Taoism, and Confucianism.</p>
7th Grade Language Arts A	S1	 Language Arts	<p>Middle school students are able to independently read increasingly complex text, as well as respond in writing to these same texts. Readings include classic short stories and a variety of fiction and nonfiction selections from the Harlem Renaissance, as well as a student- friendly version of Strange Case of Dr. Jekyll and Mr. Hyde. Students will also have the opportunity to read and study a novel of their choice. Each unit in 7th grade Language Arts includes explicit instruction and practice in writing, grammar, morphology, spelling, and reading.</p> <p>Grade 7 writing expands in scope and complexity, consisting of a robust series of unit- long writing activities that incorporate language skills and focus on developing craft and structure while incorporating and building upon writing skills learned in the earlier grades. These writing projects are intended to prepare middle school students for the writing they will do in high school, college, and the professional world.</p> <p>The semester culminates with a project in which students apply the learning from the semester to complete a comprehensive activity. The projects are intended to promote independent learning as students make choices about work products and apply self- management skills to plan activities.</p>
7th Grade Language Arts B	S2	 Language Arts	<p>Middle school students are able to independently read increasingly complex text, as well as respond in writing to these same texts. Readings include classic and contemporary poetry as well as student- friendly versions of Shakespeare’s The Tempest and The Time Machine by H.B. Wells. Students will also have the opportunity to read and study a nonfiction work of their choice. Each unit in 7th grade Language Arts includes explicit instruction and practice in writing, grammar, morphology, spelling, and reading.</p> <p>Grade 7 writing expands in scope and complexity, consisting of a robust series of unit- long writing activities that incorporate language skills and focus on developing craft and structure while incorporating and building upon writing skills learned in the earlier grades. These writing projects are intended to prepare middle school students for the writing they will do in high school, college, and the professional world.</p> <p>The semester culminates with a project in which students apply the learning from the semester to complete a comprehensive activity. The projects are intended to promote independent learning as students make choices about work products and apply self- management skills to plan activities.</p>



7th Grade Math A	S1	 Math	<p>In this problem- based curriculum, students will build on their math skills through exploration. Throughout this course, students will use interactives and offline tools to explore math concepts. Students learn by doing math, solving problems in mathematical and real- world contexts, and constructing arguments using precise language. Students hear thoughts and ideas from their “virtual classmates” as they explore mathematical concepts and are encouraged to explain their thinking in writing throughout the course.</p> <p>Students begin the year exploring relationships between figures as they examine scaled copies and scale drawings. This transitions into learning about proportional and nonproportional relationships as well as how to represent proportional relationships with tables, graphs, and equations. Next, students learn about relationships within circles: measuring circles and finding the area and circumference of a circle. Finally, students conclude their study of proportional relationships by studying proportional relationships with fractions, percent increase and decrease, and application of percentages. Additional course elements include real- world applications, discussions, graphic organizers, and unit projects.</p>
7th Grade Math B	S2	 Math	<p>In this problem- based curriculum, students will build on their math skills through exploration. Throughout this course, students will use interactives and offline tools to explore math concepts. Students learn by doing math, solving problems in mathematical and real- world contexts, and constructing arguments using precise language. Students hear thoughts and ideas from their “virtual classmates” as they explore mathematical concepts and are encouraged to explain their thinking in writing throughout the course.</p> <p>Students begin this semester with rational number arithmetic, learning how to interpret negative numbers and complete all 4 operations with rational numbers. They are also introduced to solving equations with negative numbers. Next, students apply their skills to solving expressions, equations, and inequalities, as well as writing equivalent expressions. Students then transition to geometry, working with angles, triangles, and prisms. They study relationships between angles and learn how to draw figures with given specifications. The course concludes with a study of probability of single- and multi- step events and sampling. Additional course elements include real- world applications, discussions, graphic organizers, and unit projects.</p>
7th Grade Science A	S1	 Science	<p>In this inquiry- based curriculum, students engage with science questions with the goal of explaining a phenomenon and/or solving a problem. Students begin by posing questions, developing models, proposing ideas for investigation, investigating and gathering data, applying data to answer questions and revise models, and then forming new questions to answer. They question, investigate, and build understanding as they read, complete interactive activities and simulations, and engage in virtual labs.</p> <p>This semester begins with an investigation of bath bombs and the chemical reactions that happen when they are placed in water. Students will learn how matter can change forms while total mass remains the same. Next, students continue their study of chemical reactions as they learn about chemical reactions and energy. They investigate how to heat up food and how to create a flameless heater. Finally, they will explore ecosystems and how changing an ecosystem impacts living things. They will study the impact of various products on rainforests and on the plant and animal life within them. Additional course elements include readings, discussions, and unit projects.</p>
7th Grade Science B	S2	 Science	<p>In this inquiry- based curriculum, students engage with science questions with the goal of explaining a phenomenon and/or solving a problem. Students begin by posing questions, developing models, proposing ideas for investigation, investigating and gathering data, applying data to answer questions and revise models, and then forming new questions to answer. They question, investigate, and build understanding as they read, complete interactive activities and simulations, and engage in virtual labs.</p> <p>This semester begins with a study of metabolic reactions. Students will learn about what happens to food molecules as they pass through the digestive system and will study the chemical reactions that happen within the human body. Next, students will investigate how plants get their food and the cycling of matter in the plant life cycle. Finally, students will study the impact of humans on Earth’s resources and will learn strategies to work together to help battle climate change and changes to our atmosphere. Additional course elements include readings, discussions, and unit projects.</p>
7th Grade Social Studies A	S1	 Social Studies	<p>Social Studies 7 (1 of 2) explores the social, cultural, and technological developments occurring concurrently in Europe, Africa, and Asia in the years AD 500-1789. It also examines how archaeologists and historians uncover the past.</p>
7th Grade Social Studies B	S2	 Social Studies	<p>Social Studies 7 (2 of 2) explores the growing economic interaction among civilizations during the Renaissance, Reformation, the Age of Exploration, and how the Enlightenment gave rise to democratic ideas that still resonate today. Topics included: the exchange of ideas, beliefs, technologies, and commodities inspire the Enlightenment philosophy and the interest in reason and authority, natural rights of human beings, the divine right of kings, experimentalism in science, and the dogma of belief.</p>

8th Grade Language Arts A	S1	 Language Arts	<p>Middle school students are able to independently read increasingly complex text, as well as respond in writing to these same texts. Readings include classic short stories and a variety of fiction and nonfiction selections from the Harlem Renaissance, as well as a student- friendly version of Mary Shelly’s Frankenstein. Students will also have the opportunity to read and study a novel of their choice. Each unit in 8th grade Language Arts includes explicit instruction and practice in writing, grammar, morphology, and reading.</p> <p>Grade 8 writing expands in scope and complexity, consisting of a robust series of unit- long writing activities that incorporate language skills and focus on developing craft and structure while incorporating and building upon writing skills learned in the earlier grades. These writing projects are intended to prepare middle school students for the writing they will do in high school, college, and the professional world.</p> <p>The semester culminates with a project in which students apply the learning from the semester to complete a comprehensive activity. The projects are intended to promote independent learning as students make choices about work products and apply self- management skills to plan activities.</p>
8th Grade Language Arts B	S2	 Language Arts	<p>Middle school students are able to independently read increasingly complex text, as well as respond in writing to these same texts. Readings include classic and contemporary poetry as well as student- friendly versions of Narrative of the Life of Frederick Douglass and The Importance of Being Earnest by Oscar Wilde. Students will also have the opportunity to read and study a nonfiction work of their choice. Each unit in 8th grade Language Arts includes explicit instruction and practice in writing, grammar, morphology, and reading.</p> <p>Grade 8 writing expands in scope and complexity, consisting of a robust series of unit- long writing activities that incorporate language skills and focus on developing craft and structure while incorporating and building upon writing skills learned in the earlier grades. These writing projects are intended to prepare middle school students for the writing they will do in high school, college, and the professional world.</p> <p>The semester culminates with a project in which students apply the learning from the semester to complete a comprehensive activity. The projects are intended to promote independent learning as students make choices about work products and apply self- management skills to plan activities.</p>
8th Grade Math A	S1	 Math	<p>In this problem- based curriculum, students will build on their math skills through exploration. Throughout this course, students will use interactives and offline tools to explore math concepts. Students learn by doing math, solving problems in mathematical and real- world contexts, and constructing arguments using precise language. Students hear thoughts and ideas from their “virtual classmates” as they explore mathematical concepts and are encouraged to explain their thinking in writing throughout the course.</p> <p>This semester begins with an in- depth study of transformations. Students first learn about rigid transformations and congruence of shapes and angles in triangles. They then expand this knowledge to work with dilations and similarity of figures. Next, they begin to explore linear relationships as they find slopes and solve and graph linear equations. Finally, students learn more about linear equations in one variable and are introduced to systems of linear equations. Additional course elements include real- world applications, discussions, graphic organizers, and unit projects.</p>
8th Grade Math B	S2	 Math	<p>In this problem- based curriculum, students will build on their math skills through exploration. Throughout this course, students will use interactives and offline tools to explore math concepts. Students learn by doing math, solving problems in mathematical and real- world contexts, and constructing arguments using precise language. Students hear thoughts and ideas from their “virtual classmates” as they explore mathematical concepts and are encouraged to explain their thinking in writing throughout the course.</p> <p>This semester begins with an in- depth study of functions as students learn to represent and interpret functions. Students evaluate linear functions and apply them to rates of change. They then shift to geometry skills, working to find the volume of cones, cylinders, and spheres. Next, students analyze data by looking for associations, analyzing patterns, and trends. Students then review previous learning about exponents, learn about rules of exponents, and apply exponents to scientific notation. Finally, students apply computational skills to geometric figures, work with the Pythagorean Theorem and find side lengths and volume of cubes. Additional course elements include real- world applications, discussions, graphic organizers, and unit projects.</p>
8th Grade Science A	S1	 Science	<p>In this inquiry- based curriculum, students engage with science questions with the goal of explaining a phenomenon and/or solving a problem. Students begin by posing questions, developing models, proposing ideas for investigation, investigating and gathering data, applying data to answer questions and revise models, and then forming new questions to answer. They question, investigate, and build understanding as they read, complete interactive activities and simulations, and engage in virtual labs.</p> <p>This semester begins with a study of motion and contact forces. Students will investigate how changing the mass or speed of an object can affect forces in a collision, as well as learn ways to protect objects in a collision. Next, students investigate sound and how sounds can make matter move. They study sound waves and frequency and examine the effects of different pitches and volumes of sounds. Finally, students continue their study of forces by investigating magnets and the forces that they can apply on objects. They investigate magnetic fields, energy transfer, and the force pairs in magnetic fields. Additional course elements include readings, discussions, and unit projects.</p>













8th Grade Science B	S2	 Science	<p>In this inquiry- based curriculum, students engage with science questions with the goal of explaining a phenomenon and/or solving a problem. Students begin by posing questions, developing models, proposing ideas for investigation, investigating and gathering data, applying data to answer questions and revise models, and then forming new questions to answer. They question, investigate, and build understanding as they read, complete interactive activities and simulations, and engage in virtual labs.</p> <p>This semester begins with an exploration of patterns in the sky and in space. Students investigate phenomena with the Moon, Sun, and other objects within and beyond our solar system. Next, students explore the world of genetics, as they learn how traits are passed from parents to offspring. They model trait variations and learn about the reproduction of plants and animals. Finally, students explore the connection between living beings of today and those of long ago as they investigate the process of natural selection. They engage in case studies about population changes and the impact of the environment on various living beings. Additional course elements include readings, discussions, and unit projects.</p>
8th Grade Social Studies A	S1	 Social Studies	Social Studies 8 (1 of 2) explores the early American history from pre-Columbian era and closely examines the evolution from the British Colonies to the creation of the United States. A close look at the ideology of the framing documents and nature of the American republic set against the backdrop of the challenges of growth and sectional divisions and conflict.
8th Grade Social Studies B	S2	 Social Studies	Social Studies 8 (2 of 2) explores westward expansion, early Spanish missions in western north America through to Reconstruction, the Second Industrial Revolution, and connects these events to how policies and cultures are shaped. Topics included: causes and effects of the Texas Revolution and the Mexican American War, the California gold rush; American Civil War, Indian Wars of the 19th Century.










6-8 Elective Courses













Course Name	Content Mapping	Subject	Course Description
MS Physical Education	S1 or S2	 Physical Education	Middle School Physical Education (1 of 1) explores the importance of physical activity. Topics include: sports and recreation, sportsmanship, leadership, and inclusivity, safety while being active, and developing lifelong healthy habits, such as daily activity.
MS Character Education	S1 and S2	 Electives	Character Education (1 of 1) explores values of truthfulness, trustworthiness, responsibility, diligence, and integrity. The course offers specific, real world situations to interpret and connect to these traits to provide safe and appropriate ways to respond in real time. Topics included: identifying bullying, how to develop a bullying-prevention mindset.
MS Keyboarding	S1 and S2	 Electives	The keyboarding course is appropriate for elementary and middle school students. The curriculum introduces new keys by rows where students first learn the middle row, then the top row and the bottom row of the keyboard. The content is designed with a strong focus on sight and high frequency words. This course assumes no keyboarding experience and will guide them through the keyboard. <i>Designed for grades 3-8</i>
MS 2D studio art	S1	 Electives	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!
MS Career Exploration I	S1	 Electives	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.
MS Digital Art & Design	S2	 Electives	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!
MS Financial Literacy	S2	 Electives	“Money makes the world go round,” but that’s only because we move it through exchanges, transactions, and financial tools. In this course, you will examine how our economy works through decisions about spending and saving, lending and borrowing, and how institutions play a key role in moving money. You will also explore how credit and interest work, investing, and what you can expect to earn over the length of your career. Once all of the pieces are in place, you'll discover how you can begin investing in yourself today so your future is everything you dream it can be. Let's get started!
MS Health	S1 and S2	 Health	Middle School Health (1 of 1) explores how behavioral choices, such as nutrition and physical activity, affect health, then provides information to make healthy choices. Topics included: nutrition and physical activity; growth, development, and sexual health; safety and injury prevention; alcohol, tobacco, and other drugs; mental, emotional, and social health; and personal and community health.
MS Heartful Life Management A & B (HELM)	All Year	 Electives	Heartful Life Management aims to build strong social and emotional skills alongside strong academics. This course teaches students practical skills to reduce stress, anxiety, and loneliness with a heart-based nurturing environment focusing on relaxation and positivity. This course will explore self-development, fostering positivity, understanding the need for sleeping well, being grateful, embracing diversity and co-existing with others, developing creativity and appreciation, and self-awareness through tuning into the heart. Exciting discussions, hands-on activities, and experiential guided sessions will also be presented in this course culminating in a semester-end service project. Research suggests that those who practice these skills have greater academic achievement and experience more success as adults.
MS Spanish I A	S1	 World Language	Spanish 7 (1 of 2) introduces the basics of the Spanish language by learning through reading, writing, listening, and speaking about personal interests and hobbies, asking for directions, and discovering the cultures of some Spanish-speaking countries, such Mexico and Colombia. <i>Formerly titled Spanish for Young Learners 7th Grade</i>
MS Spanish I B	S2	 World Language	Spanish 7 (2 of 2) explores how to discuss activities with friends, using vocabulary associated with restaurants, traveling, vacations, and exploring cultures of some Spanish-speaking countries, such as Argentina, Spain, and Peru. <i>Formerly titled Spanish for Young Learners 7th Grade</i>
MS Spanish II A	S1	 World Language	Spanish 8 (1 of 2) explores how to discuss school subjects, various professions, and daily routines through practice reading, writing, listening, and speaking. The course also explores cultures of some Spanish-speaking countries, such as Venezuela and Chile. <i>Formerly titled Spanish for Young Learners 8th Grade</i>









MS Spanish II B	S2	 World Language	<p>Spanish 8 (2 of 2) explores how to discuss illness and injury, shopping, and money through reading, writing, listening, and speaking. The course also explores cultures of some Spanish Speaking countries, such as Ecuador, Guatemala, and Cuba.</p> <p><i>Formerly titled Spanish for Young Learners 8th Grade</i></p>
MOS Test Prep	S2	 Electives	<p>This course is designed to prepare students for the P/SAT test, a standardized exam used by many colleges and universities for admissions; and the MStep 8 Science and Social Studies Tests. The course will cover the format and structure of the PSAT test, as well as key strategies for success in each section. Students will focus on developing skills in critical reading, and mathematics through guided practice and targeted feedback. The course will include practice tests and assessments to help students monitor their progress and identify areas for improvement. By the end of the course, students will be better prepared to perform well on the SAT and MStep Tests, that they will be expected to take.</p>

9-12 Core Courses

Course Name	Semester Offered	Subject	Course Description
Algebra I A	S1	 Math	Algebra 1 (1 of 2) explores the application of properties to simplify expressions with exponents and radicals, relationships between rational and irrational numbers, solving linear equations and inequalities, applying knowledge of linear equations and inequalities to solve and graph systems of linear equations and inequalities, applying operations on polynomials, factoring quadratic expressions, and solving quadratic equations using different methods.
Algebra I B	S2	 Math	Algebra 1 (2 of 2) explores the analysis of different types of functions presented as equations, graphs, tables, verbal descriptions, identifying key features applied to real-world problems, using key features to compare different types of functions, transformations of functions, statistics, interpreting and analyzing data sets, as well as causation and correlation.
Algebra II A	S1	 Math	Algebra 2 (1 of 2) explores solving quadratic equations with complex solutions and performs operations on polynomials, uses polynomial identities to solve problems, analyzes polynomial functions using different representations, and solves polynomial equations graphically, works with rational functions, and performing arithmetic operations on rational functions to graph them.
Algebra II B	S2	 Math	Algebra 2 (2 of 2) explores radical equations, rewriting expressions involving radicals, and graphing and solve radical equations. Concepts of trigonometry include ratios and using the unit circle to understand them, graph sine, cosine, and tangent functions, and explore key features to prove and apply trigonometric identities.
American Government	S1 Only	 Social Studies	US Government (1 of 1) examines the history and philosophy of the United States government and the guiding principles of democracy. Topics included: analysis of the United States Constitution, functions and duties of the three branches of government, the role of the Supreme Court, civic engagement in political process, the rights and responsibilities of citizens, government systems of the world, political parties, interest groups, and the media in shaping the government.
Biology A	S1	 Science	Biology (1 of 2) examines the basics of biochemistry and how it helps understand biological systems on Earth. Using logical thinking to identify relationships and draw conclusions, the course expands out from the building blocks of biochemistry to individual cells and cell membranes to understand cell division, reproduction, cell energy and metabolism, and photosynthesis.
Biology B	S2	 Science	Biology (2 of 2) examines the basics of genetics, natural selection, ecology, model how matter and energy flow through ecosystems, and the technology to see the larger context and implications. Topics included: biological research topics of ethical guidelines in new biotechnology.
Chemistry A	S1	 Science	Chemistry (1 of 2) examines basic principles and properties of matter to see its everyday uses. Topics included: atomic models, predicting chemical reactions to see how scientists can engineer them to solve problems.
Chemistry B	S2	 Science	Chemistry (2 of 2) examines basic principles and properties of matter to see its everyday uses. Topics included: atomic models, predicting chemical reactions to see how scientists can engineer them to solve problems.
College Math Prep A	S1	 Math	College Math Preparation (1 of 2) explores mathematics in real-life situations, such as investments and interest, calculating loans, and annuities. Topics included: comparing and contrasting solutions; interpreting results of calculations in context to a problem; calculating perimeter, area, surface area, and volume; converting units of measurement between different systems; and solving problems using exponential growth.
Consumer Math A	S1	 Math	This course focuses on the mathematics involved in making wise consumer decisions. Students explore the many ways in which mathematics affects their daily lives. The first semester will cover paychecks and wages, taxes, insurance, budgets, bank accounts, credit cards, interest calculations, and comparison shopping. Second semester topics include vehicle and home purchasing, investing, and business and employee management.
Consumer Math B	S2	 Math	This course focuses on the mathematics involved in making wise consumer decisions. Students explore the many ways in which mathematics affects their daily lives. The first semester will cover paychecks and wages, taxes, insurance, budgets, bank accounts, credit cards, interest calculations, and comparison shopping. Second semester topics include vehicle and home purchasing, investing, and business and employee management.














Earth Science A	S1	 Science	The first three modules of Semester 1 cover Scientific Inquiry, the Structure and Composition of the Universe, and the Features of the Solar System. Students learn the importance of scientific inquiry and how to communicate the results of scientific investigations. They then have material on the formation of the universe, including the Big Bang Theory, the motions of celestial objects, and stellar evolution. The third module covers material related to the Solar System, including features of the Sun and the planets and the movements of Earth. The second three modules of Semester 1 cover Weather, Climate, and Earth's Water Cycle. Students first learn in Module 4 about the atmosphere and clouds, as well as the factors that influence local and global climate. In Module 5 they continue by learning about weather and air masses, meteorology and storms. Module 6 then discusses the water cycle, including groundwater and ocean features, as well as water scarcity and pollution.
Earth Science B	S2	 Science	The first three modules of Semester 2 cover the physical structure of the Earth and Earth's tectonic system, including the rock cycle, tectonic activity, and mountain building. It then covers weathering and erosion and soil formation. The next material in the course then addresses the concept of systems; it addresses the Earth as a system, feedback in systems, and Earth's major nutrient cycles. The second three modules of Semester 2 cover geologic history, including the evolution of Earth's atmosphere, the geologic time scale, and the fossil record. It then goes over natural resources and the effects of human population on natural resources. The course wraps up with a discussion of human society and its interconnectedness with the Earth's environment, how science and technology work together, and the technological design process in earth science applications.
Economics	S2 Only	 Social Studies	Economics (1 of 1) explores principles to make informed decisions about personal finance, develop a broader understanding of national and international economic decisions and policies. Topics included: why economics impacts history, distribution of wealth, and quality of life for all members of society.
English 09 A	S1	 Language Arts	English I (1 of 2) explores reading, writing, and analysis using both informational and literary texts, as well as comparison of texts in different mediums. Readings include The Princess and the Goblin by George MacDonald, among others to demonstrate understanding of textual evidence, themes, central ideas, inferences, word choice, and figurative and connotative language, and grammar and usage. Writings include a personal narrative (memoir) and a literary analysis.
English 09 B	S2	 Language Arts	English I (2 of 2) explores reading, writing, and analysis using both informational and literary texts. Readings include Anthem by Ayn Rand, among other texts of varying time periods to demonstrate concepts such as textual evidence, themes, central ideas, characters, inferences, rhetorical techniques, structure and style, and arguments and claims. Writing topics include grammar, usage, punctuation, spelling, style manuals, phrases, and clauses, culminating in an informational essay and an argument essay.
English 10 A	S1	 Language Arts	English II (1 of 2) examines reading, writing, and analysis of informational texts, argument texts, and videos to demonstrate understanding of explicit and inferred meaning, textual evidence, central ideas, arguments and claims, organizational structures, figurative and rhetorical language, and the effect of word choice on tone. Skill building focuses on spelling, grammar, usage, punctuation, domain-specific vocabulary, context clues, and affixes. Writing topics include an informational essay and an argument essay.
English 10 B	S2	 Language Arts	English II (2 of 2) explores reading, writing, and analysis of literary texts from around the world and across history. Readings include Antigone by Sophocles, among others to demonstrate understanding of textual evidence, themes, inferences, characterization, figurative language, figures of speech, and literary devices, as well as building about foundational knowledge of context clues, word nuances, affixes, phrases, clauses, and parallel construction. Writing topics include a literary analysis essay and a personal narrative essay.
English 11 A	S1	 Language Arts	English III (1 of 2) examines reading, writing, and analysis using both informational and argument texts. Readings include seminal US texts such as "What to the Slave Is the Fourth of July?" by Frederick Douglass, speeches, court documents, and scientific articles to explore textual evidence, central ideas, inferences, word choice, figurative language, spelling, hyphens, contested usage, figures of speech, and reference materials. Writing topics include a researched informational essay and a researched argument essay.
English 11 B	S2	 Language Arts	English III (2 of 2) explores reading, writing, and analysis using both informational and literary texts. Readings include poetry and drama, such The Crucible by Arthur Miller to demonstrate literary elements of plot, setting, character, themes, and central ideas. Comparing works from different time periods, reviewing context and word nuances, and learning about punctuation, style manuals, phrases, clauses, and parallel structure to improve reading and writing skills. Writing topics include a fictional narrative and a literary analysis.

English 12 A	S1	 Language Arts	English IV (1 of 2) explores analysis of informational and argument texts. Readings include seminal US texts such as the Declaration of Independence, presidential speeches, court documents, and articles related to innovative technology to demonstrate rhetoric, figurative language, theme, purpose, specialized vocabulary, text structure, word nuances, inferences, research, evidence, and reference sources. In addition, students learn about context clues, contested usage, and syntax errors. Writings include a researched informational essay and a researched argument essay.
English 12 B	S2	 Language Arts	English IV (2 of 2) analyzes narrative texts from British literature—from the Middle Ages through modern times. Demonstrated skills include explicit and implicit meanings, figurative language, literary devices, central ideas, themes, and narrative and structural elements. Writings include a fictional narrative in the style of Gothic Romanticism and a literary analysis comparing and contrasting two British literature texts of different eras.
Extended Algebra II (Pt 1)	S1	 Math	Extended Algebra 2 (1 of 4) explores solving quadratic equations with complex solutions and performing operations on polynomials, using polynomial identities to solve problems, analyzing polynomial functions using different representations, solving polynomial equations graphically, working with rational functions, and performing arithmetic operations on rational functions to graph them.
Extended Algebra II (Pt 2)	S2	 Math	Extended Algebra 2 (2 of 4) explores radical equations, rewriting expressions involving radicals, and graphing and solving radical equations. Concepts of trigonometry include ratios and using the unit circle to understand them, graph sine, cosine, tangent functions, and exploring their key features to prove and apply trigonometric identities.
Extended Algebra II (Pt 3)	S1	 Math	Extended Algebra 2 (3 of 4) explores modeling real-life situations with equations and inequalities, solving exponential equations with logarithms, and synthesizing and generalizing a variety of function families.
Extended Algebra II (Pt 4)	S2	 Math	Extended Algebra 2 (4 of 4) explores how to make probability decisions, as well as how to use basic statistics and sampling processes to understand data sets and answer questions about samples and populations.
Geometry A	S1	 Math	Geometry (1 of 2) explores writing formal proofs and constructing geometric figures. Topics included: transformations to explain the concepts of congruent and similar figures with a focus on the properties of congruent and similar triangles. Properties are proved with postulates, theorems, and formal proofs, as well as trigonometric ratios and their applications to real-world situations.
Geometry B	S2	 Math	Geometry (2 of 2) explores writing formal proofs and constructing geometric figures. Topics included: slopes, midpoints, distance formula with a focus on their applications in coordinate proofs, theorems about circles as well as concepts related to circles, and two- and three-dimensional figures and probability.
Physical Science A	S1	 Science	Physical Science (1 of 2) examines science as a whole and leads to how methods and tools provide scientists meaningful results. Topics included: chemistry to interpret chemical names, formulas, equations, and models to discover the types and properties of reactions and nuclear reactions and their uses, historical perspectives, and the social impacts.
Physical Science B	S2	 Science	Physical Science (2 of 2) explores physics, introduces topics in engineering, and the ways scientists think, communicate, and do their jobs. The topics of motion and force, including the motion of fluids and Newton's law build a foundation to explore thermodynamics, energy, work, machines, waves, electricity, and magnetism.
Physics A	S1	 Science	In this course, students will be immersed in the contributions of scientific geniuses that have changed the way we observe and think about matter, forces, and energy in the universe. Starting with how matter moves, students will learn that all motion can be described, analyzed, and predicted. Then students will explore the causes of changing motion, forces! Energy is a fundamental property essential to human existence, and physics will take students through all the forms of it: electricity, light, sound, heat, and more. Discover how waves travel and interact with matter and the smallest particles in the universe. From tiny atoms to galaxies with millions of stars, the universal laws of physics are explained through real-world examples. Through laboratory activities, simulations, and graphical analysis, combined with rigorous mathematical efforts and problem solving, students follow in the footsteps of some of the world's greatest thinkers and learn to process their world in a unique way.
Physics B	S2	 Science	In this course, students will be immersed in the contributions of scientific geniuses that have changed the way we observe and think about matter, forces, and energy in the universe. Starting with how matter moves, students will learn that all motion can be described, analyzed, and predicted. Then students will explore the causes of changing motion, forces! Energy is a fundamental property essential to human existence, and physics will take students through all the forms of it: electricity, light, sound, heat, and more. Discover how waves travel and interact with matter and the smallest particles in the universe. From tiny atoms to galaxies with millions of stars, the universal laws of physics are explained through real-world examples. Through laboratory activities, simulations, and graphical analysis, combined with rigorous mathematical efforts and problem solving, students follow in the footsteps of some of the world's greatest thinkers and learn to process their world in a unique way.









Pre-Calculus A	S1	 Math	In this course, students will understand and apply concepts, graphs and applications of a variety of families of functions, including polynomial, exponential, logarithmic, logistic and trigonometric. An emphasis will be placed on use of appropriate functions to model real world situations and solve problems that arise from those situations. A focus is also on graphing functions by hand and understanding and identifying the parts of a graph. A scientific and/or graphics calculator is recommended for work on assignments, and on examinations.
Pre-Calculus B	S2	 Math	Pre-Calculus Part B covers the major units of Introductory Trigonometry and Graphs, Trigonometric Equations and Identities, Analytical Trigonometry, Sequences and Series, Conic Sections and an Introduction to Calculus. A focus is also on graphing functions by hand and understanding and identifying the parts of a graph.
PreAlgebra A	S1	 Math	Read, set, go! Pre-Algebra is all about training to run the race of high school math. Students will strengthen their skills in topics like linear relationships, functions, and equations, and learn new skills that prepare them for Algebra 1. This course is designed with interactive learning and real-world activities to strengthen students' math muscles for the race ahead.
PreAlgebra B	S2	 Math	Read, set, go! Pre-Algebra is all about training to run the race of high school math. Students will strengthen their skills in topics like linear relationships, functions, and equations, and learn new skills that prepare them for Algebra 1. This course is designed with interactive learning and real-world activities to strengthen students' math muscles for the race ahead.
US History A	S1	 Social Studies	US History (1 of 2) explores European exploration and the impact Europeans had on the lives of those native to North America. Topics included: the development of the English colonies in North America, causes and effects of the American Revolution, the ratification of the Constitution, causes of the War of 1812, analysis of sectionalism as a common thread, westward expansion, Civil War, and Reconstruction, Indian Wars, immigration, and the Second Industrial Revolution.
US History B	S2	 Social Studies	US History (2 of 2) traces pivotal events in American history and presidential administrations as the 21st century dawns. Topic included: The Gilded Age, Progressive Era, World War I, the Roaring Twenties, Great Depression, New Deal, World War II, the Cold War, and proxy conflicts like the Vietnam War and Korean War, technology innovations, global communications, and the rise of terrorism.
World History A	S1	 Social Studies	World History (1 of 2) explores key events and historical developments from hunter-gatherer societies to the Industrial Revolution. Beginning with the analysis of prehistoric people from the Paleolithic era to the Agricultural Revolution, the course follows the rise and fall of early empires including the Roman Empire. Topics included: The Crusades, feudalism, the plague, Asian empires and trade routes, effects of the Renaissance and Protestant Reformation, and important revolutions that shaped history.
World History B	S2	 Social Studies	World History (2 of 2) traces the developments of the last 250 years by examining the origins of modern Western imperialism and analyzing the cultural, economic, and political impacts on Africa and Asia. Topics include: the influence of the Industrial Revolution, the impact of imperialism and nationalism on World War I, how the Treaty of Versailles contributed to the rise of fascism in Europe and the start of World War II, 20th-century warfare, the Armenian Genocide, and the Holocaust.










9-12 Elective Courses

Anatomy and Physiology I	S2	 Electives	Examine the form and function of even more body systems. Learn about the structure, function, and interrelation between the lymphatic, immune, respiratory, digestive, urinary, and endocrine systems. The reproductive system is also discussed along with hereditary traits and genetics. And discover the importance of accurate patient documentation as well as the technology used in the industry.
Art History Modern	S2	 Electives	Art History: Modern (1 of 1) explores art of the late 1700s to modernity from Western movements in artworks and architecture to China, Japan, Africa, Oceania, Southeast Asia, India.
Computer Basics	S1 and S2	 Electives	In this course you will learn how to use productivity and collaboration tools, such as G Suite by Google Cloud to create word processing documents, spreadsheets, surveys and forms such as personal budgets and invitations.
Creative Writing	S1 and S2	 Electives	Literature is an important form of art that allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of reality. Explore the writing process and find inspiration to build a story of your own, and learn literary techniques to create hybrid forms of poetry and prose. Let's turn your creative thoughts and ideas into pieces of creative writing.
Culinary Arts	S2	 Electives	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!
Entrepreneurship I	S2	 Electives	You have the business idea; now it's time to go from dream to reality. Throughout this course, you'll explore different topics representing the major parts of a business plan, such as risk, hiring, pricing, marketing, and more. By completing activities, you'll create a viable document you can use to help you start your business by the end of the course. Let's bring your dream to life!
Ethnic Studies I	S2	 Electives	You have studied the big picture of diverse cultures around you, but now it's time to zoom in and investigate what ethnic studies means to the individual. In this course, you will explore how knowledge of different cultures shapes our views of ourselves, our communities, and the world around us. You will examine the reasons for and outcomes of people moving place to place, mitigation and healing of intergenerational trauma, social movements, alternative futures for marginalized groups, and more. Let's work to develop a deeper understanding of ethnic studies for ourselves and our peers.
Financial Literacy	S1 and S2	 Electives	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.
French I	S2	 World Language	In this course, students learn the basic French language. After one semester, students will be able to engage in conversation in French including greeting people, introducing themselves, and exchanging basic information with others. Students learn to count from one to 1,000 and make simple sentences in both spoken and written French. Students continue to develop their French skills in semester two.
French II	S2	 World Language	Salut! Get set for some more adventure! The French 2 course is full of engaging and interactive videos, dialogs, presentations, self-checks, and much more! Further develop your French listening, speaking, reading and writing skills while broadening your vocabulary and knowledge of grammar. In the French 2 course you will experience the beauty and expressiveness of a language that is shared by different people and cultures throughout the world.
Gothic Literature	S2	 Electives	It was a dark and stormy night. The Vampires, Gouls and undead were on the prowl... Gothic Literature is riddled with the spooky, but did you know that this genre is so much more than a scary form of entertainment? In Gothic Literature, you'll learn how some of the world's greatest authors from the 19th century through today use Gothic elements to tackle issues that need serious attention: the class system, gender norms, racism, social injustice and more! Grab your monster gear and explore why Gothic Literature has retained its appeal even with today's audiences.
Health	S1 and S2	 Health	Health 101 (1 of 1) explores how behavioral choices, such as nutrition and physical activity, affect health, then provides information to make healthy choices. Topics included: nutrition and physical activity; growth, development, and sexual health; safety and injury prevention; alcohol, tobacco, and other drugs; mental, emotional, and social health; and personal and community health.
High School Career Discovery	S1 and S2	 Electives	Your future career is likely something You've dreamed about since you were a child. Now it's time to turn that dream into a reality! In this course, you will explore your own strengths, interests, and preferences and use that information to uncover the best career for you! You will explore 17 career clusters, learn about the skills needed to work in different industries, and choose a path to pursue. you'll build a plan to get you from high school to your first day on the job, and craft a strong portfolio to land your perfect job. You've dreamed about your future career. Now it's time to create a plan and turn that dream into a goal!
History of the Holocaust	S2	 Electives	"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.


HS Heartful Life Management A & B	S1 and S2	 Electives	Heartful Life Management aims to build strong social and emotional skills alongside strong academics. This course teaches students practical skills to reduce stress, anxiety, and loneliness with a heart-based nurturing environment focusing on relaxation and positivity. This course will explore self-development, fostering positivity, understanding the need for sleeping well, being grateful, embracing diversity and co-existing with others, developing creativity and appreciation, and self-awareness through tuning into the heart. Exciting discussions, hands-on activities, and experiential guided sessions will also be presented in this course culminating in a semester-end service project. Research suggests that those who practice these skills have greater academic achievement and experience more success as adults.
Interior Design	S2	 Electives	Interior Design (2 of 2) explores career options in residential, commercial, and mobile design, getting credentialed, and networking in professional organizations. Topics included: leadership, group dynamics, codes of ethics; lighting, windows, walls, furniture, accessories, textiles, and floor treatments in residential and commercial designs as well as related information on materials, fabrication, and installation; review of the elements and principles of design, the Americans with Disabilities Act (ADA), and universal design.
Keyboarding Touch Systems	S1 and S2	 Electives	Watching a keyboard wizard work their magic over the keys is mesmerizing, and now, you can learn the magic of their movements! In this course, you'll build a solid foundation of typing skills, develop good habits and techniques, and build confidence as you become a typing wiz. you'll also learn proper finger placement, correct posture to improve speed and accuracy, and explore future careers where typists thrive. Get ready to become a typing magician today!
Marine Science	S2	 Electives	Water is the flowing lifeline of the Earth, and it impacts the life of every living creature. But have you ever stopped to think about human' impact on water? In this course, you will discover more about the role we play in both threatening and protecting water sources. You will explore climate change and other events that concern Earth's water sources and expand your knowledge of marine science careers. You will also plan and execute a cumulative research project exploring an aquatic environment near you using the Scientific Method. Let's dive in and continue your exploration of the World's water!
Nutrition and Wellness	S2	 Electives	To keep our body and our mind running like finely tuned machines, we need to use the right fuel. For humans, that means nourishing our bodies with the right foods. In this course, you'll explore how food affects essential aspects of your life from your weight to how you age to how well you think. you'll also examine how outside influences- family, peers, and the media- can affect your diet and your perception of food and how to set yourself up for nutritional success. Are you interested in a career in holistic wellness? Start your health journey now with Nutrition and Wellness.
Personal Fitness B	S2	 Physical Education	Personal Fitness B (1 of 2) explores how to develop personalized physical fitness plans while completing physical activities throughout the course. Topics included: how to assess fitness levels, modify fitness goals, evaluate fitness products and programs, leadership, and progress tracking in a daily physical activity log.
Personal Psychology II	S2	 Electives	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'!
Physical Education-High School	S2	 Physical Education	Physical Education 1B (2 of 2) explores key concepts that lead to improved fitness, wellness, and overall health. Topics included: description of the human body, including anatomy, physiology, and nutrition; practical applications, such as metabolism manipulation, correct exercise form, and effective programming for personal health goals.
Programming II	S2	 Electives	Builds on Programming I by introducing more advanced topics such as multiple programming languages, such as HTML/CSS/JavaScript, API Integration and GUI Development.
Spanish I	S2	 World Language	Spanish 1 (2 of 2) explores how to discuss school subjects, professions, and daily routines, as well as illness and injury, shopping, and money through reading, writing, listening, and speaking. The course also explores cultures of some Spanish-speaking countries, such as Venezuela, Chile, Ecuador, Guatemala, and Cuba.
Spanish II	S2	 World Language	Spanish 2 (2 of 2) continues to build reading, writing, listening, and speaking skills in order to discuss transportation, extracurricular interests, professions, cuisine, clothing, health, and technology. Topics included: present, past, future, and conditional tenses, present subjunctive mood, explores cultures of some Spanish-speaking countries, such as the Dominican Republic, Equatorial Guinea, Honduras, Uruguay, and Panama.
Spanish III	S2	 World Language	Spanish 3 (2 of 2) continues acquiring the Spanish language through reading poems and short stories by notable Spanish-language authors. The continuation of writing, listening, and speaking includes exploring behavioral norms in different Spanish-speaking cultures, in order to discuss these topics in the indicative and subjunctive moods in a variety of tenses.
Spanish IV	S2	 World Language	Spanish 4 will certainly expand your language skills. However, it will also take you on a fascinating cultural journey. you'll experience the language's rich traditions and superstitions. Through exploring the past, you'll come to understand the importance of community, family, and personal relationships. You will be immersed in culture—movement, art, music, literature. Meeting real people and hearing their stories will allow you to gain new vocabulary, have better command of the language, and understand your role as a global citizen.

9-12 Honors/AP Courses

Course Name	Semester Offered	Subject	Course Description
AP Biology A <i>* Incremental charges will apply</i>	S1	 Science	This course is designed to provide a college-level experience and prepare students for the AP exam in early May. Students will be provided with a foundation for developing an understanding for biological concepts through scientific inquiry, investigations, interactive experiences, higher-order thinking, real-world applications, writing analytical essays, statistical analysis, interpreting and collecting data. The key big ideas of the AP Biology course are system interactions, evolution, energetics, information storage, and transmission. Students will participate in a variety of engaging activities that enhance their mastery of biology concepts.
AP Biology B <i>* Incremental charges will apply</i>	S2	 Science	This course is designed to provide a college-level experience and prepare students for the AP exam in early May. Students will be provided with a foundation for developing an understanding for biological concepts through scientific inquiry, investigations, interactive experiences, higher-order thinking, real-world applications, writing analytical essays, statistical analysis, interpreting and collecting data. The key big ideas of the AP Biology course are system interactions, evolution, energetics, information storage, and transmission. Students will participate in a variety of engaging activities that enhance their mastery of biology concepts.
AP Calculus BC A <i>* Incremental charges will apply</i>	S1	 Math	Students in this course will walk in the footsteps of Newton and Leibniz. An interactive course framework combines with the exciting online course delivery to make calculus an adventure. The course includes a study of limits, continuity, differentiation, integration, differential equations, and the applications of derivatives and integrals, parametric and polar equations, and infinite sequences and series.
AP Calculus BC B <i>* Incremental charges will apply</i>	S2	 Math	Students in this course will walk in the footsteps of Newton and Leibniz. An interactive course framework combines with the exciting online course delivery to make calculus an adventure. The course includes a study of limits, continuity, differentiation, integration, differential equations, and the applications of derivatives and integrals, parametric and polar equations, and infinite sequences and series.
AP English Language and Composition A <i>* Incremental charges will apply</i>	S1	 Language Arts	This course provides high school students with college-level instruction in analyzing and writing various texts. The course covers topics in language and rhetoric as well as expository and persuasive writing. Students become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. The study of texts from both the reader and writer perspectives develops an understanding of the function, effect, and purpose behind the choices writers make, leading students to improve their own composition skills.
AP English Language and Composition B <i>* Incremental charges will apply</i>	S2	 Language Arts	This course provides high school students with college-level instruction in analyzing and writing various texts. The course covers topics in language and rhetoric as well as expository and persuasive writing. Students become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. The study of texts from both the reader and writer perspectives develops an understanding of the function, effect, and purpose behind the choices writers make, leading students to improve their own composition skills.
AP English Literature A <i>* Incremental charges will apply</i>	S1	 Language Arts	This course provides high school students with college-level instruction in active, close reading and analysis of imaginative literature. Through the close reading of carefully selected works of literary merit, students learn to consider how a work's style, figurative language, theme, and other literary elements contribute to its cultural significance. The approach to analyzing prose and poetry allows students to establish connections, make observations about textual details, and sharpen their understanding of these nuances through their own writing.
AP English Literature B <i>* Incremental charges will apply</i>	S2	 Language Arts	This course provides high school students with college-level instruction in active, close reading and analysis of imaginative literature. Through the close reading of carefully selected works of literary merit, students learn to consider how a work's style, figurative language, theme, and other literary elements contribute to its cultural significance. The approach to analyzing prose and poetry allows students to establish connections, make observations about textual details, and sharpen their understanding of these nuances through their own writing.







AP Environmental Science A <i>* Incremental charges will apply</i>	S1	 Science	With the current changes in global climate, rising sea levels, and warming oceans, it is important for students to discover the state of Earth's systems and the consequences of human activities. AP Environmental Science provides students with a global view of their world and their role in it. It examines the scientific principles and concepts required to understand the interrelationships between ocean, land, and atmosphere that guide the natural world and allow Earth to be a planet suitable for life. Laboratory activities within the course support their learning of these relationships through reflective, hands-on, or virtual experiences. In addition, students identify and analyze environmental problems that are natural and human-made, determining their own ecological footprint in the world to discover how their activities affect the world around them. They evaluate the relative risks associated with environmental problems and examine alternative solutions, such as clean energy, sustainable practices, and conservation, for resolving or preventing future environmental problems.
AP Environmental Science B <i>* Incremental charges will apply</i>	S2	 Science	With the current changes in global climate, rising sea levels, and warming oceans, it is important for students to discover the state of Earth's systems and the consequences of human activities. AP Environmental Science provides students with a global view of their world and their role in it. It examines the scientific principles and concepts required to understand the interrelationships between ocean, land, and atmosphere that guide the natural world and allow Earth to be a planet suitable for life. Laboratory activities within the course support their learning of these relationships through reflective, hands-on, or virtual experiences. In addition, students identify and analyze environmental problems that are natural and human-made, determining their own ecological footprint in the world to discover how their activities affect the world around them. They evaluate the relative risks associated with environmental problems and examine alternative solutions, such as clean energy, sustainable practices, and conservation, for resolving or preventing future environmental problems.
AP Statistics A <i>* Incremental charges will apply</i>	S1	 Social Studies	Advanced Placement Statistics will introduce students to exploring data, sampling and experimentation by planning and conducting studies, anticipating patterns using probability and simulation, and using statistical inference to analyze data and draw conclusions.
AP Statistics B <i>* Incremental charges will apply</i>	S2	 Social Studies	Advanced Placement Statistics will introduce students to exploring data, sampling and experimentation by planning and conducting studies, anticipating patterns using probability and simulation, and using statistical inference to analyze data and draw conclusions.
AP US History A <i>* Incremental charges will apply</i>	S1	 Social Studies	Within AP U.S. History, students will develop and use historical thinking skills (chronological reasoning, comparison and contextualization, crafting historical arguments from historical evidence, and historical interpretation and synthesis) to examine the history of the United States from 1491 to the present. Students will learn through active participation as they analyze sources and collaborate to gain a conceptual understanding of U.S. history. The AP U.S. History course is structured around nine time periods outlined within the College Board Advanced Placement United States History Framework. Each time period is divided into key concepts meant to contextualize history and show continuity and well as change over time. The intention is for students to explore history, establishing economic, political, and social patterns.
AP US History B <i>* Incremental charges will apply</i>	S2	 Social Studies	Within AP U.S. History, students will develop and use historical thinking skills (chronological reasoning, comparison and contextualization, crafting historical arguments from historical evidence, and historical interpretation and synthesis) to examine the history of the United States from 1491 to the present. Students will learn through active participation as they analyze sources and collaborate to gain a conceptual understanding of U.S. history. The AP U.S. History course is structured around nine time periods outlined within the College Board Advanced Placement United States History Framework. Each time period is divided into key concepts meant to contextualize history and show continuity and well as change over time. The intention is for students to explore history, establishing economic, political, and social patterns.
AP World History A <i>* Incremental charges will apply</i>	S1	 Social Studies	The first semester of AP World History Modern delves into the history of mankind. Looking back to the prehistoric times, students will develop the connections between the early river valleys, the beginnings of civilizations, and governments. Through this semester, students will be introduced to concepts that will be placed on the AP examination, and will also be given multiple opportunities to practice skills necessary for the AP exam. This specific time will start from the First Agricultural Revolution to the Age of Exploration.
AP World History B <i>* Incremental charges will apply</i>	S2	 Social Studies	The second semester of this course is a continuation of semester one, starting with how Europe evolved from the colonies being brought into the New World. This course will continue to make connections between nations and look at the big picture concepts of the world until present day. This semester will also spend one time preparing specifically for the AP exam. Through review materials and practicing skills needed for the AP exam, students will work on being prepared for the exam.
			Honors Content to be implemented by teachers within the regular course sections
Honors Algebra I A	S1	 Math	Algebra 1A explores algebraic problems and applies the knowledge to real-life situations. Topics included: linear inequalities, forms of linear equations, relate linear equations and functions, solve systems of equations and systems of inequalities, interpret solutions mathematically and contextually, statistics, measures of central tendency, relative frequencies, and scatter plots.





Honors Algebra I B	S2	 Math	Algebra 1B explores functions by exploring new families of functions, the effect of different transformations, key features of their graphs, and how they compare functions represented in different ways. Additional topics included: polynomials on quadratics, quadratic equations and their graphs, various methods of factoring and solving quadratic equations, exponential growth and decay, and how linear, quadratic, and exponential functions compare to one another.
Honors Algebra II A	S1	 Math	Algebra 2A explores polynomial, rational, radical, and trigonometric functions, solving equations, including quadratic equations over the complex numbers, as well as rational and radical equations.
Honors Algebra II B	S2	 Math	Algebra 2B explores modeling real-life situations with equations and inequalities, solving exponential equations with logarithms, and synthesizing and generalizing a variety of functions families, how to make probability decisions and how to use statistics and sampling processes to understand data sets and answer questions about samples and populations.
Honors Biology A	S1	 Science	Biology (1 of 2) examines life at the cellular level by understanding how the scientific method is used by scientists to investigate questions and present their findings. Topics include chemical makeup and size of cells, cell structure, the flow of energy, and how traits are inherited.
Honors Biology B	S2	 Science	Biology (2 of 2) examines life on Earth from a big picture perspective by exploring the evolution of species and history of life on Earth. Topics included: living organisms from microorganisms to plants and animals, the human body systems, ecology, and how humans interact with the environment. Historical perspectives and societal impact of biology are included in each lesson.
Honors English 09 A	S1	 Language Arts	English 9A explores reading, writing, and analysis using both informational and literary texts, as well as comparison of texts in different mediums. Readings include The Princess and the Goblin by George MacDonald, among others to demonstrate understanding of textual evidence, themes, central ideas, inferences, word choice, and figurative and connotative language, and grammar and usage. Writings include a personal narrative (memoir) and a literary analysis.
Honors English 09 B	S2	 Language Arts	English 9B explores reading, writing, and analysis using both informational and literary texts. Readings include Anthem by Ayn Rand, among other texts of varying time periods to demonstrate concepts such as textual evidence, themes, central ideas, characters, inferences, rhetorical techniques, structure and style, and arguments and claims. Writing topics include grammar, usage, punctuation, spelling, style manuals, phrases, and clauses, culminating in an informational essay and an argument essay.
Honors English 10 A	S1	 Language Arts	English 10A investigates the writing and discourse processes while supplementing them with the reading and grammar strategies necessary to comprehend and compose nonfiction texts. Exploration of language skills in writing topics include researching, organizing, and developing descriptive, persuasive narrative, and expository compositions.
Honors English 10 B	S2	 Language Arts	English 10B explores literature from multiple eras and cultures. Readings include epic poetry, folktales, ancient verses, Greek tragedy such as Antigone by Sophocles, short stories, and excerpts from novels to examine language, ideas, characters, and literary elements. Exploration of evidence, context clues, symbolism, affixes, and denotative and connotative meanings are provided in short research and writing projects. Writing topics also include a character analysis and a personal narrative.
Honors English 11 A	S1	 Language Arts	English 11A examine seminal US documents ranging from Thomas Paine's Common Sense through contemporary speeches by the President, among other texts to demonstrate knowledge of the use of rhetorical devices, inference, symbolism, bias, and the drawing of conclusions. The course focuses on argument and persuasion through formal speaking and writing.
Honors English 11 B	S2	 Language Arts	English 11B explores American writers and the historical events that influenced their works. Reading selections include The Red Badge of Courage by Stephen Crane, works the following eras and influences: Transcendentalism, Romanticism, American Gothic, American Civil War, Regionalism, Realism, Naturalism, Imagist, Harlem Renaissance, and Modernism. The course emphasizes critical and analytical thinking as well as reading and writing skills.
Honors English 12 A	S1	 Language Arts	English 12A explores rhetoric using informational texts, including seminal US documents that shaped legal and social policy to examine reasoning including the chain of legal reasoning.
Honors English 12 B	S2	 Language Arts	English 12B synthesize knowledge and uses critical thinking to analyze narrative texts from British literature across different eras—from the Middle Ages through modern times. Students read Frankenstein by Mary Shelley along with works by British writers such as Shakespeare and Tolkien. These reading selections demonstrate concepts such as narrative elements and structures, literary devices such as symbolism and sarcasm, and inference. Topic include: vocabulary, context clues, word choice, and affixes. In addition, students write a fictional narrative and a literary analysis.
Honors Geometry A	S1	 Math	Geometry A examines congruence, proofs, and constructions to prove statements about lines, angles, triangles, and quadrilaterals; applies the knowledge of transformations to learn a formal definition for similarity to write proofs, introduces trigonometry through its connection to the concept of similarity, derive and use formulas for the areas and volumes of two- and three dimensional figures, and they investigate cross sections and solids of revolutions.
Honors Geometry B	S2	 Math	Geometry B explores the Pythagorean theorem, distance formula, midpoint formula, and slope formula to solve geometric problems and develop coordinate proofs. Topics included: understand and apply theorems about circles to find arc lengths and areas of sectors of circles; apply the distance formula to write equations of circles in the coordinate system; and understand the concepts of permutations and combinations to explore the concept of probability.







Honors Government	S1	 Social Studies	Civics: Government examines early political ideas that led to the development of the United States government, and the various smaller governments that operate within the United States provides insights of local, state, and national levels of government. By examining how the United States interacts with the world regarding trade, immigration, and global conflicts, students discover how civic engagement influences the government.
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








9-12 Credit Recovery Courses

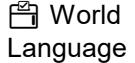
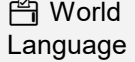
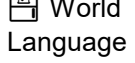
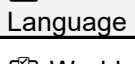
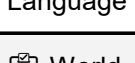
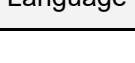
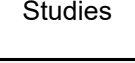
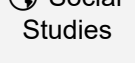
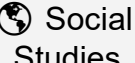
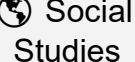
Credit Recovery is an abbreviated version of our courses that students can take to improve a failed grade, to catch up on credits if they are credit deficient, or if they need a specific course in order to graduate and the regular version isn't being offered. Credit recovery courses are self-paced and self-directed. Teachers are available more on a 1:1 basis or small group not "large class".

Course Name	Semester Offered	Subject	Course Description
Algebra I CR A	S1 and S2	 Math	Algebra 1 (semester A) introduces students to the world of Algebra through expressions and equations. Students will evaluate algebraic expressions, solve linear equations and graph them. This course also steers students through various real-world scenarios with the emphasis on using basic statistics to interpret the information given and found. Students learn through online lesson materials, videos and interactive activities. The end of each unit tests students' understanding with a self-check quiz with feedback. Also included is a unit exam and project for students to apply what they have learned.
Algebra I CR B	S1 and S2	 Math	Algebra 1 (semester B) builds on the concepts learned in the first semester by providing a strong foundation in solving problems. Students will work with problems and applications that involve exponents, quadratic equations, polynomials and factoring methods, rational and radical equations, data analysis and probability. Students will interact with course materials through online lessons, videos, interactive questions and real-world applications. Each unit ends with a self-check quiz to confirm knowledge of the concepts learned. There is also a unit exam and project.
Algebra II CR A	S1 and S2	 Math	Algebra 2 (semester A) further extends the learner's understanding of major algebra concepts such as expressions, equations, functions, and inequalities. An emphasis will be placed on the use of appropriate functions to model real world situations and solve problems that arise from those situations. A focus is also on graphing functions by hand and understanding and identifying the parts of a graph.
Algebra II CR	S1 and S2	 Math	Algebra 2 (semester B) builds on the concepts learned in the first semester and prepares the learners with the building blocks needed to dive deeper into trigonometry, pre-calculus and advanced probability and statistics.
American (US) Government CR	S1 and S2	 Social Studies	This course will guide students through an in-depth study of the history, structure, and guiding principles of American government. The first unit will review the origins of government in general and American government in particular—from the earliest models for democracy to the founding documents that created a federalist system of government in the U.S. Several units will help students explore the roles and responsibilities of each branch of government as well as the impact that the Constitution has had and continues to have on the way government works and on the lives of individual Americans. The course's final unit will guide students through a series of projects that require them to apply what they have learned about American government to an issue that interests them.
Biology CR A	S1 and S2	 Science	Biology A introduces students to the scientific method and the major concepts of biology from an historical and practical viewpoint. The three major themes of this course are the cell, the molecular basis of heredity, and the interdependence of organisms. Students who take this class will have a deeper appreciation for the complexities of living organisms. Life on this planet, unlike anywhere else in the observable universe, is complex and highly organized. Whether examining life on the molecular or the planetary level, it exhibits a highly organized structure that inspires awe by its genius and complexity. In the last 50 years, discoveries have launched new branches of biology that have transformed the daily routine, from conception to death. New challenges await, such as the current crisis in ecology, global warming, and the resurgence in viral disease. To make rational choices in the 21st century, the citizen must have a basic understanding of biological concepts and the reasoning behind them. Biology A is presented in a multimedia format using interactive modules, labs, narrated animation, text, and videos to present the study of life on this planet. Students work through and complete several self-check activities and quizzes for practice, and participate in self-reflection. In each unit, students complete the unit exam.

Biology CR B	S1 and S2	 Science	<p>Biology B is a continuation of the basic course in biology, Biology A. The major concepts covered are population dynamics and evolution. Students explore population dynamics through the study of mutualism, predation, parasitism, and competition. The theory of evolution is presented, along with the many evidences and details that make evolution the backbone of modern biology. From biochemistry to evolution, biology fascinates people. Biochemists first astounded the world by showing that life obeys the same chemical principles as all creation, but that life engineers chemistry to its own needs. Decades later, Darwin shocked the world by suggesting that life evolves according to the conditions of the environment it inhabits. Evolution, often debated and derided, has survived to become a key concept of biology. This second course in biology examines the wonder of life and its mechanisms.</p> <p>Students work through and complete several self-check activities and quizzes for practice, and participate in self-reflection. In each unit, students complete the unit exam.</p>
Consumer Math CR A	S1 and S2	 Math	<p>This course focuses on the mathematics involved in making wise consumer decisions. Students explore the many ways in which mathematics affects their daily lives. The first semester will cover paychecks and wages, taxes, insurance, budgets, bank accounts, credit cards, interest calculations, and comparison shopping. Second semester topics include vehicle and home purchasing, investing, and business and employee management.</p>
Consumer Math CR	S1 and S2	 Math	<p>This course focuses on the mathematics involved in making wise consumer decisions. Students explore the many ways in which mathematics affects their daily lives. The first semester will cover paychecks and wages, taxes, insurance, budgets, bank accounts, credit cards, interest calculations, and comparison shopping. Second semester topics include vehicle and home purchasing, investing, and business and employee management.</p>
Earth Science CR A	S1 and S2	 Science	<p>The first three modules of Semester 1 cover Scientific Inquiry, the Structure and Composition of the Universe, and the Features of the Solar System. Students learn the importance of scientific inquiry and how to communicate the results of scientific investigations. They then have material on the formation of the universe, including the Big Bang Theory, the motions of celestial objects, and stellar evolution. The third module covers material related to the Solar System, including features of the Sun and the planets and the movements of Earth. The second three modules of Semester 1 cover Weather, Climate, and Earth's Water Cycle. Students first learn in Module 4 about the atmosphere and clouds, as well as the factors that influence local and global climate. In Module 5 they continue by learning about weather and air masses, meteorology and storms. Module 6 then discusses the water cycle, including groundwater and ocean features, as well as water scarcity and pollution.</p>
Earth Science CR B	S1 and S2	 Science	<p>The first three modules of Semester 2 cover the physical structure of the Earth and Earth's tectonic system, including the rock cycle, tectonic activity, and mountain building. It then covers weathering and erosion and soil formation. The next material in the course then addresses the concept of systems; it addresses the Earth as a system, feedback in systems, and Earth's major nutrient cycles. The second three modules of Semester 2 cover geologic history, including the evolution of Earth's atmosphere, the geologic time scale, and the fossil record. It then goes over natural resources and the effects of human population on natural resources. The course wraps up with a discussion of human society and its interconnectedness with the Earth's environment, how science and technology work together, and the technological design process in earth science applications.</p>
Economics CR	S1 and S2	 Social Studies	<p>This course introduces the principles and the applications of economics in everyday life. Students develop an understanding of limited resources, and compare it with unlimited wants and needs. Students learn how individual and national economic decisions are made to allocate goods and services among competing users. Students apply economic principles to think and problem solve. The study of Economics uses the view of economic institutions and policies to explore the history, organization, and functions of the U.S. government in controlling our economy. It offers students learning opportunities that build one on another. A goal of the course is for the student to develop the critical skills of analysis, synthesis, and evaluation in a demanding and thoughtful academic setting. Students are encouraged to use their knowledge of the policies and institutions of economics to develop their own views on current economic and monetary issues. They are taught how to apply what they have learned into personal financial activities. The course looks closely at the economic knowledge and values of the country and gives students a look into the problems faced by presidents, and congressional representatives. It also covers the roles of political activists, political parties, interest groups, and the media in shaping the U. S. economy. The Supreme Court is presented as the voice of reason in the balance of powers. Students are encouraged to perform at higher levels as they are presented with historical documents and additional readings, work with a set of facts arranged by theme, become skillful in note-taking, and join in student discussions. Students develop and demonstrate their writing skills by preparing extended research-based papers.</p>

English 09 CR A	S1 and S2	 Language Arts	English for grade 9 is an integrated curriculum. Each unit contains thematically related lessons in five domains: reading and the study of literature, reading informational text, writing, speaking and listening, and language study, which includes word knowledge and grammar skills. Topics are presented in ways that help young adolescents relate literacy skills to other aspects of their lives. Writing assignments include narrative, expository, and persuasive/argumentative modes and emphasize the use of and details and reasoning to support ideas. Speaking and listening lessons in Semester A emphasize collaborative discussion skills and peer review. Vocabulary development instruction is integrated into literature and informational text lessons. Each unit ends with an authentic assessment that presents students with a real-world scenario requiring some of the skills they learned in the unit.
English 09 CR B	S1 and S2	 Language Arts	Like semester A, semester B consists of integrated units focused on a theme or mode of study. Literature study in semester B focuses on the analysis of different forms of literature and on comparative studies of world literature and literature delivered in different media. Writing and informational text lessons guide students through the stages of research and demonstrate how to evaluate, integrate, and share the information gathered during research. Students are required to share their ideas and analysis using several different modes, including oral and multimedia presentations.
English 10 CR A	S1 and S2	 Language Arts	English for grade 10 is an integrated curriculum, with each unit consisting of thematically related lessons in five domains: analyzing literature, analyzing informational text, writing, speaking and listening, and language study, which includes word knowledge and grammar skills. The skills that students practice for this course are similar to the skills in English 9 but require more independence and depth of thought. An introductory lesson at the start of each unit helps students identify any areas of weakness and review those topics before starting the more challenging grade 10 lessons. Writing assignments required in Semester A of this course include fiction, expository, and persuasive, and analytical modes, emphasizing the use of details, evidence, and reasoning to support ideas. Speaking and listening lessons in Semester A cover collaborative discussion skills, the peer review process, and how to plan and deliver informative speeches and presentations. Vocabulary development instruction is integrated into literature and informational text lessons. Each unit ends with an authentic assessment that presents students with a real-world scenario requiring some of the skills they learned in the unit.
English 10 CR B	S1 and S2	 Language Arts	Like semester A, semester B consists of integrated units focused on a theme or mode of study. Literature study in semester B focuses on the analysis of different forms of literature and as well as the evaluation of various modes and forms of writing. Writing and informational text lessons guide students through the stages of a rigorous research process and demonstrate how to evaluate, integrate, and share the information gathered during research. Students are required to share their ideas and analysis using several different modes, including oral and multimedia presentations.
English 11 CR A	S1 and S2	 Language Arts	English for grade 11 is an American Literature course, with units organized chronologically according to periods in literary history. As students read foundation works of literature and other historical documents written between 1600 and 1900, they'll review and extend skills in five domains: analyzing literature, analyzing informational text, writing, speaking and listening, and language study, which includes word knowledge and grammar skills. Each module or unit begins with a lesson that provides historical context for the era and introduces themes that emerged in the literature of that era. Each lesson provides students with an opportunity to review basic analysis skills before applying those skills to works of literature or key historical documents. Lessons focused on more difficult historical documents include activities that help students comprehend the complex ideas in these works. Writing modes addressed in Semester A of this course include narrative, reflective, persuasive, and analytical modes. Assignments emphasize the use of details, evidence, and reasoning to support ideas; writing lessons include model essays that demonstrate key features of each mode. The speaking and listening lessons in Semester A cover rhetoric, the peer review or writing workshop process, and performance skills. Vocabulary development instruction is integrated into literature and informational text lessons. Each unit ends with an authentic assessment that presents students with a real-world scenario requiring some of the skills they learned in the unit.
English 11 CR B	S1 and S2	 Language Arts	Semester B of English 11 consists of units focused on historical eras and literary movements of the 20th and 21st century, such as Naturalism, Imagism, the Harlem Renaissance, and Postmodernism. Literature analysis lessons in semester B focus on the forms of literature that were most commonly written during the Twentieth Century and how the forms, styles, and techniques of that century inform literature written today. Students will also evaluate various modes and forms of language expression, including single media and multimedia messages. Writing and informational text lessons guide students through the stages of a rigorous research process and demonstrate how to evaluate, integrate, and share the information gathered during research. Students are required to share their ideas and analysis using several different modes, including oral and multimedia presentations.

English 12 CR A	S1 and S2	 Language Arts	Students examine major works of literature organized into thematic units. Each unit contains poetry, short stories, and a novel that revolve around the theme for the unit. Themes include the self, relationships, alienation, choice, and death. As students read these works, they have the opportunity to reflect on these important themes by writing in multiple modes and creating cross-disciplinary projects.
English 12 CR B	S1 and S2	 Language Arts	Students examine major works of literature organized into thematic units. Each unit contains poetry, short stories, and a novel that revolve around the theme for the unit. Themes include the self, relationships, alienation, choice, and death. As students read these works, they have the opportunity to reflect on these important themes by writing in multiple modes and creating cross-disciplinary projects.
French I CR A	S1 and S2	 World Language	French 1 focuses on developing listening skills by repeated exposure to the spoken language. Speaking skills are encouraged through recommended assignments using voice tools. Reading and writing skills, as well as language structures, are practiced through meaningful, real-life contexts. The use of technology enhances and reinforces authentic language development and fosters cultural understandings through exposure to native speakers and their daily routines.
French I CR B	S1 and S2	 World Language	French 1 focuses on developing listening skills by repeated exposure to the spoken language. Speaking skills are encouraged through recommended assignments using voice tools. Reading and writing skills, as well as language structures, are practiced through meaningful, real-life contexts. The use of technology enhances and reinforces authentic language development and fosters cultural understandings through exposure to native speakers and their daily routines.
Geometry CR A	S1 and S2	 Math	This course builds on the foundation of the first terms in Geometry. As in previous courses, deductive and inductive reasoning are emphasized, while applying problem-solving techniques to real-world problems. Students explore quadrilaterals and circles, and learn how an object is transformed, as well as how to represent that transformation algebraically and geometrically. Students calculate area and volume of 2-dimensional and 3-dimensional objects. Geometry B consists of six modules. Each module comprises ten lessons for a total of 60 lessons in the course.
Geometry CR A	S1 and S2	 Math	Geometry is the study of the measurement of the world. What makes Geometry so engaging is the relationship of figures and measures to each other, and how these relationships can predict results in the world around us. Through practical applications, the student sees how geometric reasoning provides insight into everyday life. The course begins with the tools needed in Geometry. From these foundations, the student explores the measure of line segments, angles, and two-dimensional figures. Students will learn about similarity, triangles and trigonometric ratios. Geometry A consists of six modules. Each module comprises ten lessons for a total of 60 lessons in the course.
Health CR	S1 and S2	 Health	In this course, students acquire the knowledge and skills they need to lead a healthy life. Semester A focuses on the impact of personal decisions on the student's own health. Students learn how to find, evaluate, and use reliable information related to a variety of health topics. They also study the basic science behind nutrition, exercise, stress, and psychology, and examine how these factors affect a person's overall health. Each lesson in the course guides students in applying what they have learned in the lesson to their own lives and choices—and gives them a chance to discuss the topic with peers and instructors.
Physical Education CR	S1 and S2	 Physical Education	In this course, students are introduced to exercise and physical fitness and the general recommendations for physical activity, while examining the benefits of exercise, lifestyle choices that can help prevent disease, and tips for kick-starting a healthier lifestyle. Students will explore each type of fitness, include the benefits, and the federal guidelines for exercise in detail. Students will also learn about bones and joints and the functions of the skeleton, and the different types of movements that occur at various joints. Students will learn about the different types of muscle in their bodies, and how they are structured, with particular attention to the different types of muscle fibers. Students will explore the functions that muscles perform, how they work, and their interaction with the central nervous system and special considerations for safe and effective exercise. Students will learn how the cardio and respiratory systems work and interact with each other and about the different blood vessels that makeup the circulatory (vascular) system. Students will learn about the body's energy systems and how eating and drinking relates to exercise. Finally, students will learn about the psychology of exercising.
Physical Science CR A	S1 and S2	 Science	This is an introduction to the Physical Sciences and scientific methodology. The objectives are to impart a basic knowledge of the physical properties and chemistry of matter. Skills are developed in the classroom, and reinforced through homework reading, and interesting labs that relate to everyday life.
Physical Science CR B	S1 and S2	 Science	This is an introduction to the Physical Sciences and scientific methodology. The objectives are to impart a basic knowledge of the physical properties and chemistry of matter. Skills are developed in the classroom, and reinforced through homework reading, and interesting labs that relate to everyday life.

Spanish I CR A	S1 and S2	 World Language	Spanish 1, Semester A, is an introduction to Spanish language and culture. Students learn to start with the basics of greetings and basic conversation, working to incorporate ideas from their life and experiences in Spanish conversation. This will be accomplished through written and verbal expression of the Spanish language.
Spanish I CR B	S1 and S2	 World Language	Building upon Semester A, Spanish 1 Semester B expands to asking questions and conversational Spanish throughout one's neighborhood and daily life. Through real-life scenarios and learning examples, students will describe situations, in Spanish, both verbally and written.
Spanish II CR A	S1 and S2	 World Language	Students build upon the foundation developed in Spanish 1. They continue to build vocabulary, learn new verb tenses and other grammar concepts, and they increase their ability to communicate with others. They learn new concepts, like reflexive verbs, infinitive expressions, commands, the imperfect tense.
Spanish II CR B	S1 and S2	 World Language	Semester B will continue building on vocabulary, grammar concepts and communicating effectively in the target language. You will explore new countries where Spanish is spoken and continue to keep abreast of current events in the Spanish-speaking world.
Spanish III CR A	S1 and S2	 World Language	Students continue to develop their ability in reading, writing, speaking, and understanding Spanish through a systematic review of its structure. Students focus on applying vocabulary in a wider array of situations by learning about the past progressive and subjunctive moods and the present perfect, future, and conditional tenses.
Spanish III CR B	S1 and S2	 World Language	Students continue to develop their ability in reading, writing, speaking, and understanding Spanish through a systematic review of its structure. Students focus on applying vocabulary in a wider array of situations by learning about the past progressive and subjunctive moods and the present perfect, future, and conditional tenses.
World History CR A	S1 and S2	 Social Studies	World History begins with a focus on the skills needed to read, understand, and analyze history, also demonstrating how historians and social scientists arrive at their conclusions about human history. Semester A covers the history of civilization from hunter-gatherer societies through the characteristics of the earliest civilizations to the Enlightenment period in Western Europe. The second half of Semester A explores early intellectual, spiritual, and political movements and their impact on interactions among world cultures.
World History CR B	S1 and S2	 Social Studies	Semester B applies the reading and analytical strategies introduced in Semester A to the events and movements that created the modern world. In the second semester, World History emphasizes the effects of the Industrial Revolution and changing attitudes about science and religion as well as the impact of European colonization. Students are encouraged to make connections between World War I and II and events related to the Cold War and between 19th-century imperialism and modern independence movements.
U.S. History CR A	S1 and S2	 Social Studies	This course covers the discovery, development, and growth of the United States. Major topics include; American Indian cultures, European colonization of the Americas, and the causes and effects of the American Revolution. Geographical, economic, and political factors are explored as the key factors in the growth of the United States of America. American History I is a survey of the struggle to build the United States of America from the colonial period to the beginning of the twentieth century. By means of reading, analyzing, and applying historical data, students come to appreciate the forces that shaped our history and character as an American people. Not only are the topics of American history discussed, but students also explore research methods and determine accurate sources of data from the past. Knowing the facts and dates of history are just the beginning: each student must understand how history affects him or her.
U.S. History CR B	S1 and S2	 Social Studies	American History B begins with a study of American life before the 1929 Stock Market crash and how the Roaring Twenties influenced society in the late 19th through early 20th centuries. Students will examine the causes and consequences of the Great Depression and move on into a detailed study of World War II with an emphasis on America's role in the conflict. The course continues with an analysis of the Cold War struggle and America's rise as a superpower. The Civil Rights and Women's rights movements, pollution and the environment, and American domestic and foreign policy will be examined. The course wraps up with a summary of current events and issues, including a study of the Middle East. This course begins with an assessment of life in United States pre-World War I and ends with the conflicts of the new millennium. Students look at the nation in terms of economic, social, and political trends. The experiences of the last century are summarized, including a look into the civil rights issues that have embroiled the nation in conflict. The development of the United States of America into a superpower is explored within a global context.

MOS Typical Course Progression

MOS Year	9th Grade	
Semester 1	Semester 2	
1	Algebra 1 A	Algebra 1 B
2	English 9 A	English 9 B
3	Biology A	Biology B
4	World History A	World History B
5	Heartful Life Management	Hearful Life Management B
6	Health	Physical Education

MOS Year	10th Grade	
Semester 1	Semester 2	
1	Geometry A	Geometry B
2	English 10 A	English 10 B
3	Physical Science A	Physical Science B
4	US History A	US History B
5	World Language 1A	World Language 1B
6	Fine Art Elective	Fine Art Elective

MOS Year	11th Grade	
Semester 1	Semester 2	
1	Algebra 2 A	Algebra 2 B
2	English 11 A	English 11 B
3	Earth Science A	Earth Science B
4	Economics	Government
5	World Language 2A	World Language 2B
6	Elective	Elective

MOS Year	12th Grade	
Semester 1	Semester 2	
1	Financial Literacy A	Financial Literacy B
2	English 12 A	English 12 B
3	Elective	Elective
4	Elective	Elective
5	Elective	Elective
6	Elective	Elective



MOS GRADUATION REQUIREMENTS

CLASSES	CREDITS
ENGLISH	4 Total
English I A&B	1
English II A&B	1
English III A&B	1
English IV A&B	1
MATH	4 Total
Algebra I A&B	1
Geometry A&B	1
Algebra II A&B	1
Math Elective A&B (usually completed in Senior year)	1
SCIENCE	3 Total
Biology A&B	1

Physical Science A&B	1
Earth Science A&B	1
SOCIAL STUDIES	3 Total
World History A&B	1
US History A&B	1
Economics	0.5
US Government	0.5
HEALTH/PHYSICAL EDUCATION	1 Total
Health	0.5
Physical Education	0.5
WORLD LANGUAGE	2 Total
World Language 1 (Spanish I or French I)	1
World Language 2 (Spanish II or French II)	1
VISUAL, APPLIED ARTS	1 Total
ELECTIVES	4 Total
TOTAL CREDITS	22.00