



**My Middle School
Virtual Academy
Course Catalog
K-12**

Middle School Course Catalog

English:	
English 6 A	<p>English 6 delivers instruction, practice, and review designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and explanatory styles. To develop skills specific to public discourse, speaking and listening lessons guide students as they evaluate clips and readings from speeches and discussions. In language lessons, students build foundational grammar skills they need to articulate their ideas and understand challenging words.</p>
English 6 B	<p>English 6 delivers instruction, practice, and review designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and explanatory styles. To develop skills specific to public discourse, speaking and listening lessons guide students as they evaluate clips and readings from speeches and discussions. In language lessons, students build foundational grammar skills they need to articulate their ideas and understand challenging words.</p>

English 7 A	<p>English 7 delivers instruction, practice, and review designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and explanatory styles. To develop skills specific to public discourse, speaking and listening lessons guide students as they evaluate clips and readings from speeches and discussions. In language lessons, students build foundational grammar skills they need to articulate their ideas and understand challenging words.</p>
English 7 B	<p>English 7 delivers instruction, practice, and review designed to build students' communication and reading comprehension skills. Reading comprehension lessons strengthen students' critical analysis skills as they study how nonfiction and literature can be used to share ideas. Writing lessons combine free-response exercises with drafting strategies and exemplars to help students communicate clearly and credibly in narrative, argumentative, and explanatory styles. To develop skills specific to public discourse, speaking and listening lessons guide students as they evaluate clips and readings from speeches and discussions. In language lessons, students build foundational grammar skills they need to articulate their ideas and understand challenging words.</p>

English 8 A	<p>English is the study of the creation and analysis of literature written in the English language. In English 8A, you will explore the features of different forms of literary writing such as diaries, memoirs, informative essays, and fictional narratives. You will also improve your writing by learning about persuasive writing techniques. You will compare and contrast a literary piece across different mediums, including drama. You will engage in a dramatic reading of poetry and learn how to give multimedia presentations. In the latter part of the course, you will analyze informational texts to understand the history of the Civil War. You will also analyze various types of literary works to better understand literary elements such as point of view, conflict, theme, structure, and setting.</p>
English 8 B	<p>English is the study of the creation and analysis of literature written in the English language. In English 8B, you will analyze nonfiction texts to explore what they reveal about the process of growing up. You will also analyze elements of poetry such as theme, structure, meter, language, and sound to help you read poems and compose a poem of your own. You will read novels and analyze their literary elements and their use of literary devices</p>
Integrated Language Arts K-8	<p>This course is designed for students needing periodic and/or long-term support in their core English/reading course. Intervention courses focus on: building a foundation for successful reading, writing, speaking, listening comprehension, and vocabulary. Developing a conceptual understanding of grade-level language skills. There is no sequence of instruction or adopted instructional materials for this course. Sequencing aligns with the core English course and intervention is responsive to individual student needs. Students must be enrolled in one of the core English courses listed; this cannot be the only English course in a student's schedule.</p>
Math:	
Math 6 A	<p>Mathematics is the study of the patterns around us. Using the tools in this course, you will learn more about how to solve problems using expressions and equations. When you understand how to work with numbers in equations, and how to manipulate equations, you can more easily solve problems you encounter in everyday life.</p>

Math 6 B	Mathematics is the study of the patterns around us. Using the tools in this course, you will learn more about how to solve problems using expressions and equations. When you understand how to work with numbers in equations, and how to manipulate equations, you can more easily solve problems you encounter in everyday life.
Math 7 A	Mathematics is the study of the patterns around us. Using the tools in this course, you will learn more about how to solve problems using expressions and equations. When you understand how to work with numbers in equations, and how to manipulate equations, you can more easily solve problems you encounter in everyday life.
Math 7 B	Mathematics is the study of the patterns around us. Using the tools in this course, you will learn more about how to solve problems using expressions and equations. When you understand how to work with numbers in equations, and how to manipulate equations, you can more easily solve problems you encounter in everyday life.
Math 8 A	Mathematics is the study of patterns around us. In Math 8, Semester A, you will explore transformations and solve linear equations. You will also solve real-world problems with two linear equations. In this course, you will study and interpret functions that can help you solve problems you encounter in everyday life
Math 8 B	Mathematics is the study of patterns around us. In Math 8, Semester B, you will study the use of scientific notation and learn to use roots appropriately. You will also plot and compare irrational numbers and simplify expressions with irrational numbers. You will also explore the Pythagorean Theorem and probability, which you can use to solve real- world problems.

<p>Integrated Math K-8</p>	<p>This course is designed for students needing periodic and/or long-term support in their core math course. Intervention courses focus on: Building number sense, particularly with visual representations like number lines and area models. Developing a conceptual understanding of grade-level mathematics. Strengthening problem-solving skills Increasing computational fluency. Fostering a growth mindset. There is no sequence of instruction or adopted instructional materials for this course. Sequencing aligns with the core math course and intervention is responsive to individual student needs. Students must be enrolled in one of the core math courses listed above; this cannot be the only math course in a student’s schedule.</p>
<p>Social Studies:</p>	
<p>Social Studies 6 A</p>	<p>Sixth Grade Social Studies, Semester A, is a single-semester course designed to strengthen your knowledge about the modern world. In the first unit, you will explore how geography can help you gain a better understanding of the world and its people. In the second unit, you will learn about the influence of culture on the world. In the third unit, you will discover the relationship between art and society and study migration and population distribution. In the last unit, you will learn about the effect of physical processes on the environment and look at the ways people have adapted to and modified physical environments.</p>
<p>Social Studies 6 B</p>	<p>Sixth Grade Social Studies, Semester B, is a single-semester course designed to strengthen your understanding of government in the modern world. In the first unit, you will study the role of government and the responsibilities of citizens in contemporary societies. In the second unit, you will learn about democracy in the United States, and you will look at the structure of the Constitution. In the third unit, you will explore the functions of the US legal system as well as understand the rights and responsibilities of US citizens. Toward the end of this course, you will learn about the factors affecting the development of global trade and examine the structure and function of the US economy.</p>

<p>Social Studies 7 A</p>	<p>In 7th Grade Social Studies, Semester A, you'll learn about major historical events that took place around the world. In the first unit, you will trace the development of early humans. You will also be introduced to the Neolithic Revolution. In the second unit, you will study the development of early civilizations of the Middle East and North Africa. In the third unit, you will analyze the development and characteristics of early civilizations of India and China. You'll also explore the origins and beliefs of Hinduism and Buddhism. In the last unit, you will learn about the later civilizations of the Mediterranean and the Middle East.</p>
<p>Social Studies 7 B</p>	<p>In 7th Grade Social Studies, Semester B, you'll learn about major historical events that took place in the world. In the first unit, you will learn about the developments and characteristics of classical civilizations in Asia and the Americas. In the second unit, you'll trace the development of classical Greece and Rome. In the third unit, you'll analyze the development and characteristics of the early medieval period. In the fourth unit, you'll learn about the growth of civilizations in Africa and Asia during the late medieval period. In the last unit, you'll analyze the transformation of Western Europe during the late Middle Ages.</p>
<p>Social Studies 8 A</p>	<p>In 8th Grade Social Studies, Semester A, you'll learn about major events that took place in American history. In the first unit, you'll evaluate historical data to develop your historical thinking skills. In the second unit, you'll learn about the major events and developments of colonial America. In the third unit, you'll analyze the causes and effects of the American Revolution. In the last unit, you'll explore developments in the new nation, including the creation of the US Constitution, the Federalists and Anti Federalists, the administrations of George Washington and John Adams, and the importance of the election of 1800.</p>

Social Studies 8 B	In 8th Grade Social Studies, Semester B, you'll learn about major events that took place in American history. In the first unit, you'll analyze the importance of the Louisiana Purchase, the War of 1812, industrialization, and the Monroe era. In the second unit, you'll examine the Jacksonian era, the impact of westward expansion, the reform movements of the mid-1800s, and the abolitionist movement. In the third unit, you'll learn about the Civil War. You'll analyze the factors that led to the Civil War and the impact of the war on the United States. In the last unit, you'll explore the Reconstruction period.
Science:	
Science 6 A	Science 6A is an integrated science course that covers topics selected from Earth and space science and physical science. This course discusses the structure and properties of matter, force interactions between objects, and Earth and space systems. In the first unit, you'll explore the composition of matter and atomic arrangements of substances. In the second unit, you'll identify forces and analyze the motion of objects using words, equations, and graphs. In the last unit, you will study interactions in the solar system and the role that gravity plays in the motion of celestial bodies.
Science 6 B	Science 6B is an integrated science course that covers topics selected from Earth and space science and life science. This course discusses Earth's history, its ecosystems, and its climate and weather. In the first unit, you'll explore the history of Earth and how natural forces such as wind and water shape its formation. In the second unit, you'll study the relationships between the physical and biological elements of Earth's ecosystems. In the last unit, you will discover how the uneven heating of Earth from the Sun leads to its various climates and weather patterns.

<p>Science 7 A</p>	<p>Science 7A discusses the major life processes of organisms, including nutrition, growth and development, and reproduction. In the first unit, you'll explore the cell as the structural and functional unit of life. The second unit covers the growth, development, and modes of reproduction in different plants and animals. In the third unit, you'll learn about sensory receptors, photosynthesis, and cycles of energy transfer that occur in nature.</p>
<p>Science 7 B</p>	<p>Science 7B is about matter and energy. It discusses chemical changes that occur in matter, and it teaches how to identify different forms of energy. The course also covers force fields and the factors that affect their strength. In the first unit, you'll apply the law of conservation of energy to the products and reactants in a chemical reaction. In the second unit, you'll be introduced to gravitational, electric, and magnetic force fields. In the third unit, you'll learn more about energy transformations in objects and systems as you study kinetic energy, potential energy, and thermal energy.</p>
<p>Science 8 A</p>	<p>Science 8A is an integrated science course that covers topics selected from Earth science and life science. This course discusses genes and inheritance, the evolution of species, and managing energy resources on Earth. In the first unit, you will explain how an organism's genes transfer traits from parents to offspring. You'll also learn about genetic diversity and genetic mutations. In the second unit, you'll compare the anatomy and development of species to give evidence for evolution. You'll also see how fossils and rock strata on Earth hold important clues about evolution. In the third unit, you will differentiate between renewable and nonrenewable energy resources on Earth. You'll see how energy transforms as it moves from one sphere of Earth to another.</p>

Science 8 B	Science 8B is an integrated science course that covers topics selected from Earth and space science, physical science, and life science. This course discusses climate change and methods for confronting it, the physical features of waves and wave technology, and the positive and negative ways that humans and technology affect the Earth and its ecosystems. In the first unit, you'll study the factors that have led to climate change and explore scientific solutions to address these changes. In the second unit, you'll learn how waves and interactions between them can be used to develop new technologies. In the third unit, you'll broaden your knowledge of technology-based and human-based threats to the environment and find ways to reduce their negative impact.
Electives:	
Career Explorations	What career are you best suited for? In this course, students will explore career options in many different fields including business, health science, public administration, the arts, and information technology.
Communication Skills	This course covers the communication overview including the communication process, elements of effective communication, and barriers to communication. This course familiarizes you with reading, writing, speaking, and listening skills needed for general communication.
Creative Writing MS	This course is intended to help you sharpen your creative writing skills.
Health & Wellness MS	Health and Wellness aids students in creating a foundation of personal health. Beginning with properly defining health, this course then builds upon basic health practices to emphasize the importance of balance. Attention is given to each of the six dimensions of wellness; physical, intellectual, emotional, spiritual, social, and environmental. Students are taught the skills necessary to improve every aspect of health. They are also encouraged to reflect upon their own personal wellness throughout the course by applying the principles of health and wellness to their own lives. Lastly students will learn how to set and achieve goals.

Performing Arts MS	Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.
Theater, Film, Fashion MS	Theater, Cinema, and Film Production is a single-semester course that describes the processes of theater, cinema, and film production. The course begins by introducing theater and film and their different genres and subgenres. The course also helps you understand the creative side of theater and film production, such as screenplay writing, directing set design, acting, makeup, and wardrobe styling and costume design. In this course, you will also learn about technical aspects in theater and film productions, such as lighting, sound, and camerawork. The course also covers the pre-production, production, and post-production processes involved in plays and films. Finally, you will learn about audiences for plays and films, and how they impact these productions.
Visual Arts MS	In Introduction to Visual Arts, you will trace the history of art and describe various art forms. You will identify the elements of art and examine the principles of design. You will analyze the parameters in evaluating and critiquing art. You will examine copyright laws and discuss the ethical use of art
Digital Citizenship 6A	Students will learn modern digital health concepts such as digital emotional intelligence, digital dependency, online privacy, and evaluating content for accuracy and perspective.
Digital Citizenship 6B	Students will learn modern digital health concepts such as digital emotional intelligence, digital dependency, online privacy, and evaluating content for accuracy and perspective.
Health and Fitness 6A	Students will explore physical, mental, social, and environmental dimensions of health while developing strategies for enhancing personal health.

Elementary Course Catalog

English:	Course Description
Integrated Language Arts K-8	This course is designed for students needing periodic and/or long-term support in their core ELA course.
Reading Workshop KA	This Kindergarten Reading Workshop will focus on letter/sound recognition, phoneme segmentation, reading sight words, sounding out CVC and CVCE words. Students will learn how to sound out frequently used phonograms. Students will also identify key text features, fiction and non-fiction genres as well as nouns and verbs. Students will learn reading and comprehension strategies through weekly read-aloud books in order to grow as readers. All Common Core K LA standards are met in this course.
Reading Workshop KB	This Kindergarten Reading Workshop will focus on letter/sound recognition, phoneme segmentation, reading sight words, sounding out CVC and CVCE words. Students will learn how to sound out frequently used phonograms. Students will also identify key text features, fiction and non-fiction genres as well as nouns and verbs. Students will learn reading and comprehension strategies through weekly read-aloud books in order to grow as readers. All Common Core K LA standards are met in this course.
Reading Workshop 1B	This First Grade course will review letter/sound and phonogram recognition as well as letter writing. Students will also review long, and short vowel sounds and usage. Students will learn about and be able to use various grammar components such as: the difference between common and proper nouns, possessive nouns, singular and plural nouns, pronouns, verb tense, adjectives, comma usage, prefixes and suffixes, and punctuation. Students will also master weekly sight words and reading and comprehension strategies to grow as readers. All Common Core 1 LA standards are met in this course.
Reading Workshop 2A	Students will read closely to determine what the text explicitly says using key details, make inferences, draw conclusions, determine central ideas, summarize and analyze. Students will interpret words/phrases used in text, assess point of view, integrate/evaluate content in diverse media and formats, delineate and evaluate claims/validity/relevance/sufficiency of evidence in text, analyze themes/topics and read/comprehend text independently and proficiently. This will be accomplished with various stories/passages through weekly thematic activities/assignments/assessments that are submitted for grading.
Reading Workshop 2B	Students will read closely to determine what the text explicitly says using key details, make inferences, draw conclusions, determine central ideas, summarize and analyze. Students will interpret words/phrases used in text, assess point of view, integrate/evaluate content in diverse media and formats, delineate and evaluate claims/validity/relevance/sufficiency of evidence in text, analyze themes/topics and read/comprehend text independently and proficiently. This will be accomplished with various stories/passages through weekly thematic activities/assignments/assessments that are submitted for grading.

Reading Workshop 3A	<p>Students will comprehend key ideas and details by asking/answering questions to demonstrate understanding of explicit text, recount fables/folktales/myths/historical/scientific/technical ideas, determine theme, main idea, and describe characters. Students will demonstrate craft and structure by determining the meanings of words/phrases in a text and determine the meaning of general/domain-specific words relevant to grade 3. Students will refer to the parts of stories/dramas/poems and those specific terms while distinguishing point of view, and use text features/search tools to locate information. Students will integrate knowledge and ideas by explaining illustrations/themes/settings/plot/maps/photographs while comparing texts and describe comparison, cause/effect, first/second/third in a sequence. This will ensure that students read and comprehend literature by the end of the year on grade level, and read fluently to comprehend with accuracy, appropriate rate and expression while self-correcting and rereading as necessary. Students will apply decoding strategies to identify prefixes/suffixes/multisyllable words/irregularly spelled words. This will be accomplished with various stories/passages through weekly thematic activities/assignments/assessments that are submitted for grading.</p>
Reading Workshop 3B	<p>Students will comprehend key ideas and details by asking/answering questions to demonstrate understanding of explicit text, recount fables/folktales/myths/historical/scientific/technical ideas, determine theme, main idea, and describe characters. Students will demonstrate craft and structure by determining the meanings of words/phrases in a text and determine the meaning of general/domain-specific words relevant to grade 3. Students will refer to the parts of stories/dramas/poems and those specific terms while distinguishing point of view, and use text features/search tools to locate information. Students will integrate knowledge and ideas by explaining illustrations/themes/settings/plot/maps/photographs while comparing texts and describe comparison, cause/effect, first/second/third in a sequence. This will ensure that students read and comprehend literature by the end of the year on grade level, and read fluently to comprehend with accuracy, appropriate rate and expression while self-correcting and rereading as necessary. Students will apply decoding strategies to identify prefixes/suffixes/multisyllable words/irregularly spelled words. This will be accomplished with various stories/passages through weekly thematic activities/assignments/assessments that are submitted for grading.</p>
Reading Workshop 4A	<p>Reading in semester A students learn about personal narratives and the constituent parts: introduction, plot, characters, setting, and conflict. Students grow their understanding of personal narratives by learning about context clues, characterization, point of view, and narrators. Students also learn about traditional literature. In this unit, students explore fables, myths, and fairy tales. Students learn about how mythology began and its roots. To end semester A, students learn about multimedia. The targeted instruction on multimedia encompasses teaching students what multimedia is, how to analyze it, along with paraphrasing.</p>

Reading Workshop 4B	In semester B, the 4th grade reading curriculum embodies poetical compositions. Students will learn about tone, rhythm and rhyme, figurative language, similes and metaphors. Students will apply these as they write their own poems while accentuating what they have learned. In addition, students learn about drama. Students learn about drama elements, while highlighting vocabulary. At the end of semester B, students learn about the types and features of informational text. Students learn how to apply what they have learned to create a digital project using slides.
Reading Workshop 5A	The 5th grade Language Arts curriculum integrates reading, writing, speaking, listening, and the study of vocabulary and grammar in a way that engages today’s learners and supports them in building a broad and diverse set of literacy skills. Students study classic literature as well as more contemporary forms, including media and multimedia products. Writing assignments in semester A focus on narrative and persuasive modes and emphasize the use of reasoning and details to support opinions. Each writing assignment spans several lessons and guides students through a writing process that begins with prewriting and ends by emphasizing one or more aspects of conventions of standard written English. Students also learn how to participate in collaborative discussion and peer review sessions. In each lesson, engaging and relevant models and step-by-step instruction guide students toward mastery and appreciation of 21st century communication in all its forms and functions.
Reading Workshop 5B	Semester B provides an integrated curriculum. Whereas the first semester focuses on skills needed to literary text, semester B focuses on skills for reading and analyzing informational text. In the second semester of the course, students learn how informational text differs from literary text and how different forms of information text differ from each other. Writing assignments emphasize expository writing and guide students through research projects. Near the end of the semester, students learn how to present information orally and using multimedia.
Writer’s Workshop KA	This Kindergarten Writing workshop will focus on the development of fine motor skills, pre-writing activities, name writing and upper/lower case letter formation. Students will be able to write a letter corresponding to the sound they are given. Students will be able to draw and describe orally what they have drawn. Students will use ear-spelling to add details to drawings. Students will learn how to form sentences using sight and spelling words. Students will participate in narrative, informational and persuasive writing projects that will focus on sequencing, transitional words, and various other conventions of writing.
Writer’s Workshop KB	This Kindergarten Writing workshop will focus on the development of fine motor skills, pre-writing activities, name writing and upper/lower case letter formation. Students will be able to write a letter corresponding to the sound they are given. Students will be able to draw and describe orally what they have drawn. Students will use ear-spelling to add details to drawings. Students will learn how to form sentences using sight and spelling words. Students will participate in narrative, informational and persuasive writing projects that will focus on sequencing, transitional words, and various other conventions of writing.

<p>Writer's Workshop 1A</p>	<p>The First Grade Writer's Workshop course helps students build foundational writing skills. It supports assignments in Reader's Workshop and Social Studies. Students are provided with guidance on how to write words and sentences and write with a purpose. Students will review sentence construction and will learn how to compose a paragraph. Students will utilize grammar knowledge gained in their reading workshop and apply that to their writing. Students will participate in peer reviews as well as learning about the editing process. Common Core 1 LA and Social Studies standards are met in this course.</p>
<p>Writer's Workshop 1B</p>	<p>The First Grade Writer's Workshop course helps students build foundational writing skills. It supports assignments in Reader's Workshop and Social Studies. Students are provided with guidance on how to write words and sentences and write with a purpose. Students will review sentence construction and will learn how to compose a paragraph. Students will utilize grammar knowledge gained in their reading workshop and apply that to their writing. Students will participate in peer reviews as well as learning about the editing process. Common Core 1 LA and Social Studies standards are met in this course.</p>
<p>Writer's Workshop 2A</p>	<p>Students will write arguments to support claims using reasoning and evidence. Students will write informative/explanatory texts to convey ideas and information through effective selection/organization/analysis. Students will write narratives to develop experiences/events using details and events. The writing will be clear and coherent with development, organization, style, and purpose through planning, revising, editing, rewriting using technology to produce/publish writing. Students will conduct short research projects based on focused questions demonstrating understanding of the subject. Students will write routinely over extended time frames and shorter time frames for a range of tasks, purposes, and audiences. This will be accomplished through daily writing and extended thematic pieces that are submitted for grading.</p>
<p>Writers Workshop 2B</p>	<p>Students will write arguments to support claims using reasoning and evidence. Students will write informative/explanatory texts to convey ideas and information through effective selection/organization/analysis. Students will write narratives to develop experiences/events using details and events. The writing will be clear and coherent with development, organization, style, and purpose through planning, revising, editing, rewriting using technology to produce/publish writing. Students will conduct short research projects based on focused questions demonstrating understanding of the subject. Students will write routinely over extended time frames and shorter time frames for a range of tasks, purposes, and audiences. This will be accomplished through daily writing and extended thematic pieces that are submitted for grading.</p>

Writers Workshop 3A	<p>Students will write opinion pieces by stating an opinion, providing reasons, and supporting those reasons using linking words/phrases followed by a concluding statement. Students will write informative/explanatory texts by introducing a topic with facts/definitions/details while using linking words/phrases and a concluding statement. Students will write narratives to develop real or imagined experiences or events using descriptive details and clear event sequences, provide dialogue and phrases to signal event order, and provide a sense of closure. Students will conduct short research that builds knowledge about a topic. All writing will be edited for conventions that demonstrate Language standards for grade 3, developed and organized, produced and published. Students will write routinely over extended time frames and shorter time frames for a range of tasks, purposes, and audiences. This will be accomplished through daily writing and extended thematic pieces that are submitted for grading.</p>
Writers Workshop 3B	<p>Students will write opinion pieces by stating an opinion, providing reasons, and supporting those reasons using linking words/phrases followed by a concluding statement. Students will write informative/explanatory texts by introducing a topic with facts/definitions/details while using linking words/phrases and a concluding statement. Students will write narratives to develop real or imagined experiences or events using descriptive details and clear event sequences, provide dialogue and phrases to signal event order, and provide a sense of closure. Students will conduct short research that builds knowledge about a topic. All writing will be edited for conventions that demonstrate Language standards for grade 3, developed and organized, produced and published. Students will write routinely over extended time frames and shorter time frames for a range of tasks, purposes, and audiences. This will be accomplished through daily writing and extended thematic pieces that are submitted for grading.</p>
Writer's Workshop 4A	<p>Reading is closely intertwined in both semesters. First students learn about writing personal narratives. Students learn about brainstorming, creating a timeline, developing problems, characters, and solutions, along with writing introductions and conclusions. Students use the writing process to publish and present their personal narrative. In addition, students learn about how to write where they become experts in something in a subject that will teach their reader how to do something.</p>
Writer's Workshop 4B	<p>During semester B, students will learn how to write poems and dramas. As students learn about drama in reading, they learn how to write their own scripts by brainstorming what the elements of their script will be. We write informational text published using a digital book. During this unit students take an extensive look at a topic they want to learn more about while researching it.</p>
Writer's Workshop 5A	<p>The 5th grade writing curriculum integrates grammar, spelling, revision, editing and independent journaling in a way that provides students with daily interaction and exposure to a variety of writing concepts. Each lesson begins with a spelling activity where students get a chance to complete a variety of creative activities to master these grade level appropriate words. Students also participate in both whole group and independent practice with a variety of grammar concepts. These lessons not only allow for penmanship practice, but encourage student discussion, peer revision and an in depth study of the entire writing process.</p>

<p>Writer's Workshop 5B</p>	<p>Semester B Writing follows the same flow as semester A, where students receive targeted instruction in grammar, spelling, creative writing and the entire writing process. The main difference is students will spend the first half of the semester learning about and practicing basic research skills. Students will learn how to navigate a variety of technology based resources, while gaining skills in organizing, analyzing and summarizing information. For the second half of the semester, students will be completing a persuasive research project. Students will begin by choosing a topic of interest, while completing detailed research on this topic. Through direct writing instruction and the use of peer editing, students will construct a final persuasive essay using appropriate technique, grammar and spelling.</p>
<p>Math:</p>	
<p>Math K A</p>	<p>Students will learn foundational math facts. They will learn to count to 20, sorting and comparing objects based on size, shape and color, putting numbers in order, shapes, and colors. Students will learn how to use ten frames, number lines, hundred charts, and tally marks to demonstrate number knowledge. Students will be able to recognize and write numbers 1-20. Students will have many opportunities to practice these new concepts with hands-on activities during live lessons as well as reinforcement activities within Accelerate. A special emphasis this semester is for students to have fun with numbers, finding success with concepts such as bigger and smaller and being comfortable in an online environment.</p>
<p>Math K B</p>	<p>Students will review writing and representing numbers 1-20. Students will learn to count by 2's, 5's, and 10's. They work with comparing objects using the terms tall, longer, and shorter as well as comparing two objects using the terms lighter and heavier. They will continue their exploration of basic geometric shapes such as cones and spheres. Students will work with manipulatives such as coins in order to compose and decompose numbers 1-10. Students will be able to add and subtract numbers 1-10 as well as recognize key math symbols such as plus, minus, equal, greater than and less than signs. Students will be guided through basic word problems and will work together to solve them. Students will have many opportunities to practice these new concepts with hands-on activities during live lessons as well as reinforcement activities within Accelerate.</p>

<p>Math 1A</p>	<p>During the first semester students will build fluency with basic math facts. They will learn to count to 100, basic addition and subtraction facts, and how to add double-digit numbers. Students will be introduced to such new concepts as word problems, Venn diagrams, and basic geometric concepts. There is an emphasis on learning practical skills such as reading thermometers, looking at maps, and understanding the value of coins. Students will have multiple opportunities to practice new skills and knowledge through using integrated online practice problems. During the second semester students will begin counting by twos, fives, and tens. They will learn both vertical addition and subtraction. Students are introduced to multiplication and division and the signs used in those operations. They will also study even and odd numbers. Students continue their exploration of geometric shapes through drawing and apply what they learn about shapes by sorting various figures in Venn diagrams. They will also use a balance beam to understand the concept of weight – lighter versus heavier. As in semester A, students will have multiple opportunities to practice new skills and knowledge through using integrated online practice problems.</p>
<p>Math 1B</p>	<p>During the first semester students will build fluency with basic math facts. They will learn to count to 100, basic addition and subtraction facts, and how to add double-digit numbers. Students will be introduced to such new concepts as word problems, Venn diagrams, and basic geometric concepts. There is an emphasis on learning practical skills such as reading thermometers, looking at maps, and understanding the value of coins. Students will have multiple opportunities to practice new skills and knowledge through using integrated online practice problems. During the second semester students will begin counting by twos, fives, and tens. They will learn both vertical addition and subtraction. Students are introduced to multiplication and division and the signs used in those operations. They will also study even and odd numbers. Students continue their exploration of geometric shapes through drawing and apply what they learn about shapes by sorting various figures in Venn diagrams. They will also use a balance beam to understand the concept of weight – lighter versus heavier. As in semester A, students will have multiple opportunities to practice new skills and knowledge through using integrated online practice problems.</p>
<p>Math 2 A</p>	<p>During the first semester students will build fluency with basic math facts and add/subtract within 100 to solve word problems using strategic methods. Students will also manipulate numbers to 1000 using knowledge of hundreds, tens, and ones. Lastly, students will demonstrate arrays with repeated addition. During the second semester students will use place value to add and subtract within 1000. They will use place value to estimate and solve word problems to demonstrate skills. Students will measure and compare length and represent it on a number line. They will work with money and time to compare values. Students will collect data to be represented on graphs for discussion. Lastly, they will recognize common 2 dimensional and 3 dimensional shapes by specific characteristics.</p>

Math 2 B	<p>During the first semester students will build fluency with basic math facts and add/subtract within 100 to solve word problems using strategic methods. Students will also manipulate numbers to 1000 using knowledge of hundreds, tens, and ones. Lastly, students will demonstrate arrays with repeated addition. During the second semester students will use place value to add and subtract within 1000. They will use place value to estimate and solve word problems to demonstrate skills. Students will measure and compare length and represent it on a number line. They will work with money and time to compare values. Students will collect data to be represented on graphs for discussion. Lastly, they will recognize common 2 dimensional and 3 dimensional shapes by specific characteristics.</p>
Math 3 A	<p>During the first semester, students will build flexibility with numbers as they master addition and subtraction facts as well as multiplication and division facts. Students will understand relationships between addition and subtraction, multiplication and addition and multiplication and division as they learn to borrow, carry, and regroup in order to find sums and differences of two whole numbers. Students will also comprehend the place value of base ten numbers up to 1,000,000 in order to find patterns and make estimations. Students will be introduced to the concepts of fractions in terms of defining, comparing, and finding equivalent fractions. Lastly, they will implement a 5-step approach to solving word problems throughout the entire semester.</p>
Math 3 B	<p>During the second semester, students will recognize, match, compare, divide and order fractions. Students will examine lines, polygons, and solid figures as they are introduced to basic concepts of geometry; they will describe, design, recognize, and classify parallel lines/perpendicular lines and solid shapes by identifying their angles/sides/attributes. Students will also use various strategies to determine the area and perimeter of shapes. Students will explore time along with comparing, adding, and subtracting time measurements. They will also explore concepts of measurement including linear measurement, weight, volume, mass, capacity and temperature. Students will use various graphs to observe, collect and record data. They will compare, order, and estimate numbers along with finding multiples, factors, prime and composite numbers.</p>
Math 4 A	<p>Grade 4 math uses a varied amount of instructional material to reinforce and teach new math skills to the 4th grade learners. Instruction includes creative videos, mathematical storytelling, practical math applications and repetition to reinforce skills throughout the course. Three areas are focused on and students will finish the course with a strong knowledge in these content areas. The first is developing an understanding and fluency with multi-digit multiplication, and developing the understanding of dividing to find quotients involving multi-digit dividends. The second is developing an understanding of fraction equivalence, addition and subtraction of fractions with like denominators, and multiplication of fractions with whole numbers.</p>

Math 4 B	Semester B of grade 4 math has learners continuing to work with fractions. They will learn to multiply fractions and convert them to decimals. Students will also begin to learn to equivalent measurements of length, weight, mass, and capacity. They will also learn helpful skills in understanding time, distance, and money. Students will develop an understanding that geometric figures can be analyzed and classified based on their properties, such as having parallel sides, perpendicular sides, particular angle measures, and symmetry. Lessons on rectangles, line plots, angles, figure drawing, polygons, and symmetry will be taught. Semester B continues to use varied forms of instruction that allow students to learn these skills in a practical manner.
Math 5 A	Students will learn math topics outlined in this course drawing from a variety of sources, including hands-on activities, interactive lessons, and practical math applications. Students will focus on several critical areas including but not limited to developing fluency with addition, subtraction, multiplication, and division of fractions. They will also learn to extend division to 2-digit divisors, integrate decimal fractions into the place value system, and increase an understanding of operations with decimals to hundredths. They will develop a fluency with whole numbers and decimal operations. The semester begins with operations and expressions, moves into decimals and money, and ends with more work on fractions. Learners will gain valuable skills as they carry out activities that model real life situations like grocery shopping throughout the semester.
Math 5 B	Semester B begins with students continuing to work with fractions. The first lesson focuses on ratios and challenges students to solve word problems using fractions and ratios in practical life situations. Learners continue to strengthen their math skills by studying mixed and fraction products, and fraction application, models, and division. The third critical area that students will focus on in Grade 5 Math is volume. Students will receive lessons in measurement of length, weight, and volume. They will end the course with a focus on geometry. Varied types of instruction are used to enhance their learning, including video and real life applications, activities, and creative projects.
Integrated Math K-8	This course is designed for studnets needing periodic and/or long-term support in thier core math course.
Social Studies:	
Social Studies K A	Kindergarten social studies begins with students understanding who they are and why they are special. It introduces and reinforces online learning procedures and expectations as well as helps students develop organizational skills. This course introduces students to their place in the community and the responsibilities of being a member of society. Using content focused read-aloud books, students will also learn about everyday heroes, the responsibilities of pet ownership, the importance of rules, table manners, and eating well. Students will also learn about symbols of the U.S. such as the American flag and the bald eagle. From there students learn about wants, needs, goods and services. They will be introduced to what money is and how money can be spent. Projects will include a piece on distinguishing facts from fiction, buying locally, and focusing on the differences between needs and wants.