



**K- 5 My Virtual
Academy Course
Catalog
K-12**

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.

Social Studies K B	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.
Social Studies 1A	Students begin to explore basic fundamentals of social studies including map skills, cardinal directions, and will begin to examine maps of the U.S. and the globe. Students will also be introduced to diversity and the importance of it in developing the culture of the United States. They will also begin their studies of character education, like good citizenship, taking responsibility, serving their community, and leadership.
Social Studies 1B	The second semester will begin the studies of historical America. They will talk about famous historical figures such as George Washington Carver, Susan B. Anthony, Ruby Bridges, Amelia Earhart, Thomas Edison, and Benjamin Franklin. They will also explore tall tales and folklore dealing with history, character education, and other morals. They will also explore what is meant by economics, studying the difference between goods and services, needs and wants, and producers and consumers. They will end the semester doing some research and presentation of what they learned this semester.
Social Studies 2 A	In second grade, students in this course will begin to explore the basic fundamentals of social studies including culture, geography, and economics. Students will explore the Ancient Cultures of China, Africa, and the Celts. Students will explore these cultures through ancient folk tales and fables. Learners will create a photo book that describes the significant events in their own life. They will also examine the importance of geography and direction. Students will learn how to locate boundaries while using a world map. Students will identify the places that were discussed in the previous lessons including Africa, China, and the British Isles. They will develop a rudimentary understanding of map symbols as they locate continents, the equator, and oceans. Students will also learn to identify on a road map where they live, rivers, mountain ranges and lakes nearby their homes. Learners will follow a step-by-step approach for successfully completing each lesson, which includes storytelling, repetition, projects, arts and crafts, and videos.

Social Studies 2 B	<p>The second semester begins by introducing learners to economics and the role that money plays in every civilization. They will take a closer look at the economy of the Celtic people. Students learn the difference between natural, human, and capital resources. Learners will begin to understand the exchange of money for goods and services. They will gain a basic understanding of what scarcity is and why it is good that we do not always get everything that we want. Students will understand these concepts by drawing upon their understanding of the desires/wishes in their own lives. Students will also learn about desirable human qualities through the use of fables such as “The Boy Who Cried Wolf.” Learners will look at individuals who have made a difference in the greater community. Students will learn about Rosa Parks and Susan B. Anthony through short stories. The end of the course asks learners to examine the diversity of the community they live in. They will be asked to recognize the different types of people around them. Students should gain an appreciation for the differences around them and how having respect for others and being honest will contribute to society as a whole. Learners will follow a step-by-step approach for successfully completing each lesson, which includes storytelling, repetition, projects, arts and crafts, and videos.</p>
Social Studies 3 A	<p>For Grade 3 Social Studies, students will begin to explore the basic fundamentals including geography, civics, and economics. Learners will begin by creating and labeling maps and looking at different types of landscapes. Students will also extensively look at the first explorers of the Americas and learn about the beginning of the United States and the Constitution. The semester concludes with learning about citizenship and what it means to be a good citizen. Learners will follow a step-by-step approach for successfully completing each lesson, which includes storytelling, repetition, and videos.</p>
Social Studies 3 B	<p>The second semester begins with introducing learners to the need for laws and government as well as governmental structures. Continuing in the semester, students will learn about money including how to save money as well as budgeting money. The semester concludes with an in-depth focus on economics.</p>
Social Studies 4 A	<p>In 4th grade social studies, semester A, students learn about Michigan's industries, economy, natural resources, and how the Great Lakes and how it has contributed to past and present tourism through a variety of digital tools. Also, students will learn the purpose and principles of the United States government by learning about the Constitution, Bill of Rights, and Laws.</p>
Social Studies 4 B	<p>In semester B, students learn about the economy and business. Students will create their own business plan that focuses on advertisement, spending their earnings, and their workers. Students will learn about the geographical regions of the United States while using online digital tools. In this unit, there students will explore tools, maps, and graphs. Finally, students will learn about immigration and cultures. Students will learn how immigrants are an integral part of our society.</p>

Social Studies 5 A	Grade 5 Social Studies combines the study of United States History through the Civil War with a geographical exploration of the United States and what it has to offer. Students will use their understanding of social studies skills and concepts as they study the development of the United States. The first semester begins with early settlements of North America and allows learners to take an in-depth look into what life was like for colonists and Native Americans. Students will come to understand the causes of the Revolutionary War and the people that played a significant role in it. The semester ends with students examining the new nation and what life was like for European immigrants and those on the frontier. Students will learn through the use of video, journaling, and varied types of creative instruction
Social Studies 5 B	Semester B begins with an exploration of the west and what life was like for those looking to find gold. Learners will then look at slavery and what led to the Civil War. The course then takes a departure from American history and takes a more in-depth look into cultures, people, and the geography of the United States from past to present. Learners will have the opportunity to explore the country region by region and come to appreciate all that it has to offer. Students will conclude the course by planning and describing a trip they would like to take to a particular place within the 50 United States. Students will take a hands-on approach as they get to know the geography, climate and culture of their country. Video, creative projects involving technology, journaling, and varied assessments will be used throughout the course.
Science:	
Science K A	In Kindergarten Science, students will use their senses to explore their world. Students experience nature walks, gardening, and imitative games by exploring varying concepts. Students will learn about weather, seasons, force, motion and gravity. Students will participate in engaging science projects, experiments and activities that will reinforce the concepts learned.
Science K B	In Kindergarten Science, students will use their senses to explore their world. Students experience nature walks, gardening, and imitative games by exploring varying concepts. Students will learn about weather, seasons, force, motion and gravity. Students will participate in engaging science projects, experiments and activities that will reinforce the concepts learned.
Science 1A	In First Grade Science, students in this course will complete projects that are designed to allow for exploration and discovery. Students observe their surroundings and through observations of the natural world conduct inquiries into topics related to their healthy development. Students in this course will complete projects that are designed to allow for exploration and discovery. Students observe their surroundings and through observations of the natural world conduct inquiries into topics related to their healthy development.

Science 1B	<p>In First Grade Science, students in this course will complete projects that are designed to allow for exploration and discovery. Students observe their surroundings and through observations of the natural world conduct inquiries into topics related to their healthy development. Students in this course will complete projects that are designed to allow for exploration and discovery. Students observe their surroundings and through observations of the natural world conduct inquiries into topics related to their healthy development.</p>
Science2 A	<p>Second Grade Science introduces students to the process of observation and how important it is to the study of science. Learners will identify their five senses and why they are critical to observation. Students will use these observation skills throughout the course as they examine many different types of animals and their environments. Students begin by observing ants in their own environments and continue onto learning about the different types of birds. Students will come to understand plant and animal rhythms and will perform small experiments with plants. Stories will be used to teach the students about nature and interactions that humans have with nature. They will continue to learn about animals and their characteristics, habitats, and needs. Students will learn through video, audio stories, hands-on participation and observation with nature. The teachers will conduct live assessments for the topics that have been covered throughout the week's lessons. Grade 2 Science provides students with the opportunity to expand their minds and see for themselves the way that animals and nature are a part of their everyday lives.</p>
Science 2 B	<p>Semester B of Second Grade Science begins with the students learning the characteristics of the Weaverbird and Swiftlet bird. Learners will come to understand the different groupings of animals including those with vertebrates, invertebrates and warm- and cold-blooded animals, carnivores, herbivores and omnivores. Learners will be asked to recall the five senses that they discussed at the beginning of the course and compare them to the senses of animals. They will also learn how animals communicate and the relationship between animals and humans. The course ends with the students taking a closer look at the characteristics of reptiles, insects, birds of prey, and fish. At the close of the course students will have a deeper understanding and appreciation of animals and their habitats.</p>
Science 3 A	<p>Grade 3 Science introduces students to experimentation as they journey through the Earth and its many miracles. They will begin by learning about the earth, the sun and the moon. By participating in simple experiments students will explore the water cycle, gravity, the weather and its patterns, various types of terrain, and the role of plants in the production of oxygen and their importance to human survival. Learners will expand their knowledge through video, pictures, short readings, projects, and hands-on experiments. Learners will understand that experiments require the use of instruments, observation, recording, and drawing evidence-based conclusions. Grade 3 Science provides students with the opportunity to expand their minds and see for themselves the way that science is a part of their everyday lives.</p>

Science 3 B	Semester B of Grade 3 Science begins with the students learning about the seasonal cycles. The learners continue with the interdependence of plants and humans, different biomes of land and sea, extreme weather, rocks, vertebrates and invertebrates, as well as animals. All of these lessons are taught using video and text passages. Semester B asks learners to look deeper into things they encounter, such as the diverse biomes and weather.
Science 4 A	Grade 4 Science includes the three main domains of science which are physical, life, and earth and space science. Learners will use various kinds of experimenting, including field studies, systematic observations, models, and controlled experiences. The course begins with the explanation of the scientific method which the students continue to use and build upon throughout the course. The big picture of the earth is examined as students review the life on planet earth, salt and fresh water, and fast and slow changes that occur on the planet. Students go beyond planet earth, though, as they study galaxies, the solar system and other planets. Students examine the ways that forces and motion can be measured and the concept that a single kind of matter can exist as a solid, liquid or gas. Grade 4 science uses many modes of instruction including video presentations, enrichment activities, and hands-on experimentation.
Science 4 B	Semester B focuses on the relationship between heat, light, sound, and electrical energy and the way they can be transferred between each other. Learners distinguish between natural objects and objects made by humans as they examine technology and the role it plays in science. Students also look at life cycles of animals, plants, and humans and how they interact with each other. The course ends by looking at the ways that humans interact with the environment.
Science 5 A	There will be an emphasis on earth and space science, life science, and physical science. Students will begin the course by focusing on earth and space science by looking at the solar system and planets. Students will come to an understanding of the concept of the earth as a sphere and the earth's place in the solar system. The course continues with a focus on physical science and the different tools that can measure force, time, and distance. They will also grow in their understanding of how light and sound travel and interact with each other as well as the different types of energy. The semester concludes with a look into life science and the ways that organisms are interconnected. Instruction will include real life application, hands-on projects and assessments, and video and short research projects.
Science 5 B	Semester B puts great emphasis on life science and begins by focusing on the many ecosystems of the earth and the way that all parts of ecosystems depend on each other. Students will learn the different types of ecosystems that exist. They will learn that ecosystems change and how the changes affect their ability to support their populations. Learners will examine plants; that they have different structures and how those structures allow them to respond to different needs. Students will also grow in their understanding of the importance of good nutrition to all living organisms. The course concludes with a look into the scientific process and the importance of investigations and conclusions in the study of science. Instruction will include real life application, hands-on projects and assessments, and video and short research projects.

Electives:	
Exact Path K-8	Individualized learning progression adapts based on assessment data, which ensures a personalized learning path. Exact Path supports efficiency of learning for students as they advance in an individual learning progression based on their current learning opportunities. Learners move through content at their own pace and demonstrate mastery of skills via a Progress Check before advancing to the next learning opportunity in their progression. If the Progress Check data shows learners need more instruction, the student learning path changes to match instruction to meet those needs.
Health 5A	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. Fifth grade will be covering the reproductive system of the body, puberty and STDs with parent/guardian approval ahead of time.
Health 5B	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. Fifth grade will be covering the reproductive system of the body, puberty and STDs with parent/guardian approval ahead of time.
Health and Wellness KA	Kindergarten Health and Wellness 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.
Health and Wellness KB	Kindergarten Health and Wellness 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.
Coding Basics 3A	The Third Grade Basic Coding course introduces students to the fundamentals of coding and computational thinking through engaging and interactive virtual experiences. Spanning two semesters, this course aims to develop problem-solving skills, creativity, and logical thinking. Students will learn basic coding concepts, create simple programs, and explore the exciting world of computer science in a fun and supportive environment.
Coding Basics 3B	The Third Grade Basic Coding course introduces students to the fundamentals of coding and computational thinking through engaging and interactive virtual experiences. Spanning two semesters, this course aims to develop problem-solving skills, creativity, and logical thinking. Students will learn basic coding concepts, create simple programs, and explore the exciting world of computer science in a fun and supportive environment.

Advanced Coding 4A	The Fourth Grade Advanced Coding course builds upon the foundational coding skills acquired in previous grades, introducing more advanced concepts and encouraging deeper engagement with computational thinking. Over two semesters, students will delve into more complex programming tasks, work on collaborative projects, and explore the broader applications of coding in various fields. This course aims to enhance problem-solving abilities, foster creativity, and develop proficiency in coding through practical, hands-on experiences.
Advanced Coding 4B	The Fourth Grade Advanced Coding course builds upon the foundational coding skills acquired in previous grades, introducing more advanced concepts and encouraging deeper engagement with computational thinking. Over two semesters, students will delve into more complex programming tasks, work on collaborative projects, and explore the broader applications of coding in various fields. This course aims to enhance problem-solving abilities, foster creativity, and develop proficiency in coding through practical, hands-on experiences.
Media Center 1A	The First Grade Media Center course is designed to introduce young students to the world of information, technology, and literacy through engaging and interactive virtual experiences. Over two semesters, the students will develop foundational skills in reading, research, and digital citizenship. This course aims to foster a love for reading, an understanding of how to find and use information, and the ability to navigate digital environments safely and responsibly.
Media Center 1B	The First Grade Media Center course is designed to introduce young students to the world of information, technology, and literacy through engaging and interactive virtual experiences. Over two semesters, the students will develop foundational skills in reading, research, and digital citizenship. This course aims to foster a love for reading, an understanding of how to find and use information, and the ability to navigate digital environments safely and responsibly.
Media Center 2A	The Second Grade Media Center course builds on the foundational skills acquired in first grade, with a focus on advancing students' literacy, research abilities, and digital citizenship. Throughout two semesters, students will engage in activities that enhance their understanding of literature, improve their information-seeking skills, and promote responsible use of digital resources. This course encourages a deeper exploration of books, introduces more complex research techniques, and integrates creative digital projects.
Media Center 2B	The Second Grade Media Center course builds on the foundational skills acquired in first grade, with a focus on advancing students' literacy, research abilities, and digital citizenship. Throughout two semesters, students will engage in activities that enhance their understanding of literature, improve their information-seeking skills, and promote responsible use of digital resources. This course encourages a deeper exploration of books, introduces more complex research techniques, and integrates creative digital projects.