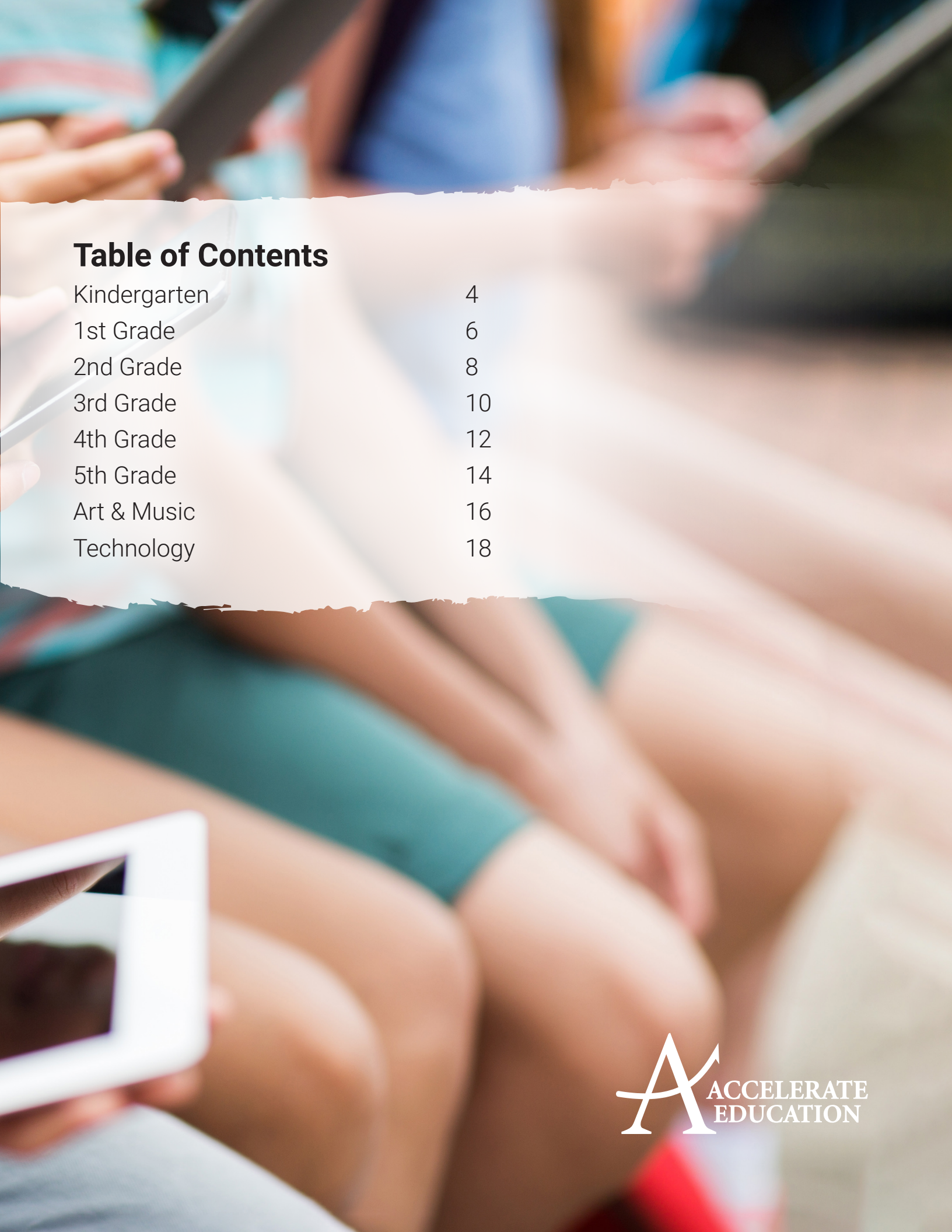
ACCELERATE EDUCATION

Elementary School Course Catalog **2024-2025**







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ACCELERATE EDUCATION

Kindergarten

Kindergarten Language Arts A&B

This Kindergarten Language Arts course will teach students to identify and write all letters, produce letter sounds, and frequently used phonograms. Students will also master reading and comprehension strategies and weekly sight words to grow as readers.

Kindergarten Math A&B

During the first semester students will learn foundational math facts. They will learn to count to 12, how to compare sizes, ordinal numbers, putting items in order, what a number line is and its uses, basic measurements such as inches and feet, and how to tell time on digital and analog clocks.

Students will have many opportunities to practice these new concepts by interacting with online confirmation exercises and filling out worksheets offline. 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.

In Semester B, students learn to count to 20. They work with comparing objects using the terms taller, 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. They will work with the concept of first, middle, and last.

Arranging and sorting receive special emphasis this semester. Students will also work on writing numbers with special attention on 3, 4, and 5. Students will learn the concepts of left and right. Coins are also a focus as students will count pennies, nickels, and dimes. Finally, the number 7 is studied using the colors of the rainbow. Projects include making paper fingers and thumbs and creating designs with them. They will also make the numbers 1-10 out of dough.

Kindergarten Science A&B

In Kindergarten Science, students will use their senses to explore their world. Students experience nature walks, gardening, and imitative games by exploring the fall season, leaves and butterflies, deer, autumn leaves and weather conditions, falling leaves, squirrels, ducks, natural fall objects, nature observations, animals and camouflage, planting a garden, terrariums, growing a seed, goldfish, freezing water, and magnets.

Students in this course will continue using their senses to explore their world. Students experience nature walks, gardening, and imitative games by exploring animal tracks, astronomy in the winter, animals and their offspring, shapes in nature, winter and the five senses, properties of matter, spring clouds, rainbows and evaporation, making maple syrup, spring flowers, spring plant growthy, earthworms, evening stars and constellations, birds, pet care, bees and pollination, the sounds of spring, and frogs and ponds.

Kindergarten Social Studies A&B

This course introduces students to their place in the community and the responsibilities of being a member of society. Great figures of U.S. history such as Pocahontas, George Washington, and Abraham Lincoln are a focus of learning in this semester. Students will also learn about everyday heroes, the responsibilities of pet ownership, the importance of rules, table manners, and eating well. A skill that students will practice throughout the semester is retelling stories. Students may do this by recording audio, retelling the stories orally, or writing their observations. They will learn how to use details and basics of narratives. Projects will help students think about defining emotions and what pets need.

In the second semester, students are introduced to map reading skills. They will be taught to read maps of the U.S. and the world. From learning about location, to how water is represented, to floor plans, students are introduced to map skills that will last a lifetime. Students will also learn about symbols of the U.S., such as the American flag and the eagle. From there, students learn about holidays, with a particular focus on Thanksgiving. Another focus is on currency. Students will be introduced to what money is, how money can be spent, the power of buying locally, and the difference between wants and needs. Projects will include a piece on



distinguishing facts from fiction, buying locally, and focusing on the differences between needs and wants.

Health K A&B

Elementary Health K 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.

Physical Education K A&B

Elementary PE K helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include exercise safety, making healthy choices, nutrition, the benefits, components, and principles of fitness, basic anatomy and physiology, and values of cooperation and teamwork. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.

Arts and Crafts K A&B

This course provides a foundation for children's inherent artistic imagination and creativity by sharing the basics of art and making art. Students are introduced to lines, circles, recognizing and using shapes, creating a collage, and concepts such as symmetry. Young artists will also explore a variety of media such as pastels, watercolors, crayons, tempera, and pencil drawing.

A particular emphasis of this course is on creating works of art. In this semester, students will work with clay, draw with pastels, make fingerprint flowers, draw barns and animals using shapes, and recognizing lines using the student's name.

Emphasis in the second semester is placed on applying what the students have learned to make more detailed works of art. Among the projects this semester, students will create a bird feeder, make pig puppets, craft paper flowers, make potpourri, craft a heart collage, construct a wind chime, and press flowers.



1st Grade

Grade 1 Language Arts A&B
This First Grade Language Arts course will teach students to identify and write all letters, produce letter sounds, and frequently used phonograms. Students will also master reading and comprehension strategies and weekly sight words to grow as readers.

Grade 1 Math A&B
During the first semester, students will build fluency with basic math facts. They will learn basic addition and subtraction facts, how to count to 100, 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.

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, as well as 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.

In both semesters, students will have multiple opportunities to practice new skills and knowledge through using integrated online practice problems.

Grade 1 Science A&B
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.

Grade 1 Social Studies A&B
In Semester A, students begin to explore basic fundamentals of social studies, including map skills and 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.

The second semester will begin the students' 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. Students will 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.

Health 1 A&B
Elementary Health 1 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, communication, disease prevention, basic anatomy and physiology, and values of cooperation and teamwork.



Physical Education 1 A&B

Elementary PE 1 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include exercise safety, making healthy choices, nutrition, the benefits, components, and principles of fitness, basic anatomy and physiology, and values of cooperation and teamwork. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.

Arts & Crafts 1 A&B

This course provides a foundation for children's' inherent artistic imagination and creativity by sharing the basics of art and making art. Students are introduced to primary colors, the color wheel, shapes such as lines and circles, and concepts such as symmetry.

Young artists will also explore a variety of media such as pastels, watercolors, crayons, tempera, and pencil drawing. A particular emphasis on this course is on creating works of art. In this semester, students will create a watercolor tree, use a printing block, produce weather painting, and produce a watercolor painting.

Emphasis in the second semester is placed on applying what the students have learned to make more detailed works of art. In this semester, students will create colorful calendars, stencil, fashion intricate flower drawings, revisit symmetrical objects, and mix colors.

This course will provide students with opportunities to experience many different forms of arts and to express their imagination while learning valuable skills. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live.



2nd Grade



Grade 2 Language Arts A&B
The 2nd Grade Language Arts course will teach students to spell and write vocabulary, read more fluently, apply grammar concepts, and participate in handwriting and writing activities through thematic units. Students will also continue to master reading and comprehension strategies and weekly sight words to grow as readers.

Grade 2 Math A&B
During the first semester, students will build fluency with basic math facts and add and subtract within 100 to solve word problems using strategic methods. Students will also manipulate numbers to 1,000 using knowledge of hundreds, tens, and ones. Lastly, students with demonstrate arrays with repeated addition.

During the second semester, students will use place value to add and subtract within 1,000 and to estimate and solve word problems, demonstrating skills. Students will measure and compare length and represent it on a number line. They will work with money and time to compare value. Students will collect data to represent on graphs and discuss. Lastly, they will recognize common 2-dimensional and 3-dimensional shapes by specific characteristics.

Grade 2 Science A&B
Science 2 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 will begin by exploring the needs and behaviors of animals and continue into learning how scientists solve problems through engineering.

As the course continues, exploration continues to topics of matter, energy, habitats, weather, and animal characteristics. Students will learn through video, 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 how the world works and the way animals and nature are a part of their everyday lives.

Semester B of Science 2 begins with how the earth changes and how things move. Learners will be asked to recall the characteristics of different animal groups and explore how they are interconnected through food chains and cooperation. The course ends with the students taking a closer look at how plants fit into the workings of the world and the different types of resources on Earth. At the close of the course, students will have a deeper understanding and appreciation of Earth's systems and interdependence.

Grade 2 Social Studies A&B
Social Studies 2 introduces the concept of a government by first exploring the reason for laws and rules. Students learn about national laws, state laws, and consequences for breaking a law. Learners then explore the role of government and government leaders who uphold the law. Students then study the states (California, Florida, Pennsylvania, Texas, and their own state) and the nation. Learners will explore how American heroes have changed America today before transitioning to a study on the world government, maps, and the environment. This course concludes by spending time looking into the past and relating the past to the student's life today. Social Studies 2 provides practice and assessments throughout each lesson that target the learning objectives and maximize instruction. By the end of this course, students have both a broad **understanding of the world and a specific understanding of how the national and state government impact their own life.**

The second part of Social Studies 2 begins by introducing the concept of change over time through an understanding of transportation, recreation, and communication. Students will study famous historical inventors and design their own invention that solves a problem in their everyday lives. Students will understand the influence of perspective on historical events before launching into a relatable study of basic human needs. Students will understand the differences between needs and wants, producers and consumers, supply and demand, and goods and services. This course concludes with an examination of basic economics and an exploration of problems and solutions. By the end of this course, students will understand how society has changed over time and have a firm understanding of basic economics.

Health 2 A&B

Elementary Health 2 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, disease prevention, conflict resolution, basic anatomy and physiology, and the values of respect and cooperation.

Physical Education 2 A&B

Elementary PE 2 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include warm-up and cool down, water safety, goal setting, nutrition, muscle strength, and flexibility. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.

Arts and Crafts 2 A&B

Art provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop what they already know as a source of knowledge and creativity. Art offers the student an opportunity to express feelings and emotions in their drawings and with color. Arts and Crafts promote self-esteem and self-awareness as it enhances personal fulfillment.

Children have a wonderful imagination that, if encouraged, will be needed throughout their life. This course provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. Learners will begin the course by creating a color wheel and understanding the difference between primary, secondary, and complimentary colors. Learners will use watercolors to create a value chart and begin to understand symmetry in art. At the end of the semester, students will work with clay and create a Memorial Clay.

In semester B of Arts and Crafts, students continue to explore their creativity while also learning ways that art can be functional and add to objects and materials that we use on an everyday basis. Students will begin the semester by creating a 12-month calendar. The students will focus on new month each week. They will also be able to pick a different clay project each week from The Book of Nature Crafts and/or Clay Fun. Once students have completed the calendar project, they will begin to work on form drawing and make a seasonal chart using objects familiar with each of the four seasons. The course concludes with students working with wet crayons and wet paper.

This course will provide students with opportunities to experience many different forms of arts and to express their imagination while learning valuable skills. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live.



3rd Grade

Grade 3 Language Arts A&B

During the first semester, students will continue to build their vocabulary through the study of folktales, fables, myths, informational text, dramas, poems, and stories. They will recount stories and ask and answer questions to demonstrate their knowledge of text. They will compare and contract themes, setting, and plots and distinguish their own point of view from that of the author of the text. Students will also gain information from illustrations and describe logical connections between sentences and paragraphs. They will also be introduced to writing in cursive.

During the second semester, students will continue to apply phonics and grammar concepts with a focus on special vowel sounds, prefixes, and suffixes. Students will continue to build writing skills by responding to reading and utilizing a broadened vocabulary in authentic writing activities where they compare and contrast stories and use process writing to compose original work. They will read with accuracy and fluency to support comprehension as they solidify their understanding within context of the stories they read. By the end of the year, the third-grade student will read and comprehend informational texts, including history/social studies, science, and technical texts independently and proficiently. Students will report on a topic using descriptive details and speaking clearly and in complete sentences.

Grade 3 Math A&B

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 five-step approach to solving word problems throughout the entire semester.

During the second semester, students will explore concepts of measurement including linear measurement, weight, volume, temperature, and time. They will also recognize, compare, and convert fractions. Students will write amounts of money and make change using as few coins as possible. Lastly, students will examine lines, polygons, and solid figures as they are introduced to basic concepts of geometry.

Grade 3 Science A&B

Science 3 introduces students to experimentation as they journey through the earth and its many miracles. They will begin by learning about the basic needs of all life on Earth. By participating in simple experiments, students will explore the water cycle, the weather and its patterns, energy, and the role of plants in the production of oxygen and their importance to human survival. Learners will expand their knowledge through videos, 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.

The second semester of Science 3 begins with the students diving deeper into habitats, biomes, and seasonal adaptations. The learners continue with types of terrain, inherited characteristics, matter, gravity, and even magnetism. All of these lessons are taught using videos, projects, and experimentation. This semester asks learners



to look a bit deeper into things they encounter, such as biodiversity and natural resources.

Grade 3 Social Studies A&B

Social Studies 3 introduces students to the geography of the regions of the United States. They will access maps, interpret map elements, and summarize physical and human characteristics of a region. They will also analyze the impact that humans have on their environment. Students will then learn how state and federal governments operate. Finally, students will be able to connect the rights of a citizen to the responsibilities of citizenship.

The second semester of Social Studies 3 begins with the students focusing on the principles of economics. Students will learn how the economy works through earning, spending, and saving money. Students will move into identifying heroic figures, both past and present, and interpreting timelines. Students will then assess American culture during the colonial times. They will also analyze immigration and the contributions made to the United States. Finally, they will relate landmarks to their historical significance.

Health 3 A&B

Elementary Health 3 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, disease prevention, conflict resolution, basic anatomy and physiology, and the values of respect and cooperation.

Physical Education 3 A&B

Elementary PE 3 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include warm-up and cool down, water safety, goal setting, nutrition, muscle strength, and flexibility. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.



4th Grade

Grade 4 Language Arts A&B

Language Arts 4's 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.

Like Semester A, Semester B provides an integrated curriculum. Whereas the Semester A focuses on skills needed to read fiction and other literary prose, Semester B teaches specific skills for reading poetry, drama, and 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.

Grade 4 Math A&B

Math 4 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. The third will be addressed in semester B.

Semester B of Math 4 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.

Grade 4 Science A&B

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. Science 4 uses many modes of instruction, including video presentations, enrichment activities, and hands-on experimentation.

Semester B of Grade 4 Science 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. Students will use research skills, watch videos, and get their hands dirty as they complete projects that require them to dig through dirt and trash in order to learn broader lessons that have to do with helping the environment.

Grade 4 Social Studies A&B

In Grade 4 Social Studies, learners will use their understanding of social studies skills to explore their local states and communities. Learners will also research local animals and gain an understanding of local Native American ground in their part of the country. This course walks students through the research and report writing steps that will be vital to their continuation of social studies. They will continue to focus on their individual states as they do projects based on local geography, state capitols, as well as nearby natural wonders and landforms. The course uses video, enrichment activities, and project-based learning to enhance the student social studies skills.

In Semester B of Social Studies 4, students will expand on their learning from Semester A, as well as work their way through American History to post-WWII and the science and inventions that started shaping the modern-day United States. Various concepts including economics, the environment, and American geography will be explored to give students a better idea of all the facets that shape American lives today.

Health 4 A&B

Elementary Health 4 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, reducing illness, avoiding bullying, nutrition, healthy friendships, emergency situations, and the human body. Fourth grade will study the functioning systems of the body.

Physical Education 4 A&B

Elementary PE 4 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include warm-up and cool down, water safety, goal setting, nutrition, muscle strength, and flexibility. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.



5th Grade

Grade 5 Language Arts A&B

The Language Arts 5 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.

Like Semester A, Semester B provides an integrated curriculum. Whereas Semester A focuses on skills needed to literary text, Semester B focuses on skills for reading and analyzing informational text. In Semester B, 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.

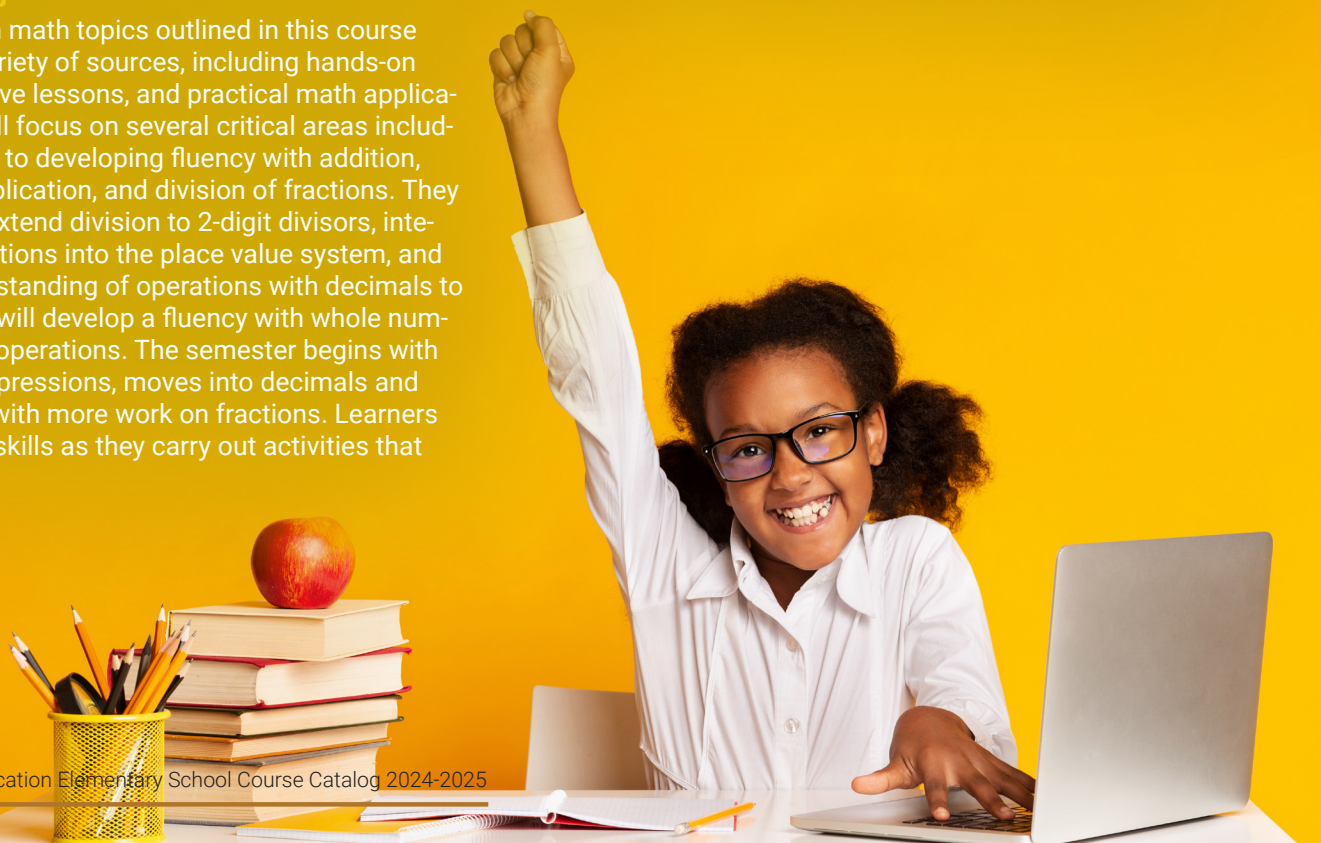
Grade 5 Math A&B

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.

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.

Grade 5 Science A&B

Science 5 continues to build on the science skills that have been obtained in years previous. 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.
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 to see 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.

Grade 5 Social Studies A&B
Grade 5 Social Studies asks students to use their understanding of social studies skills and concepts as they study the development of the United States. The first semester begins with a look at the geography of the regions of the United States, then moves into an examination of the development of the first cultures of the North American continent. From there, students will learn about the course and consequences of European exploration and colonization of North America. Students will also come to understand the causes of the Revolutionary War and the people that played significant roles in it.
Semester B of Grade 5 Social Studies will focus more on the basic principles of American government and citizenship, as well as the development of the founding documents of the country. Historical exploration will continue with an overview of the major events of the 19th, 20th, and early 21st Centuries.

Health 5 A&B
Elementary Health 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, puberty, and STDs.

Physical Education 5 A&B
Elementary PE 5 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include warm-up and cool down, water safety, goal setting, nutrition, muscle strength, and flexibility. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.





Art & Music

Art Development Level 1
Art Development Level 1 offers the student an opportunity to express feelings and emotions in their drawings and with color. Home, family, friends, pets, and toys are the young student's world. Students will explore their personal world through colors, lines, shapes, symmetry/mirror painting, and printmaking to promote self-esteem and self-awareness. Emphasis is placed on greater awareness of details and development of fine motor skills. This course encourages the development of self-discipline through instruction and cooperation, while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions.

Art Development Level 2
In Level 2 of Art Development, students continue to explore self-expression, awareness of details, development of fine motor skills, cooperation, and self-discipline through a variety of mediums and the mixing of mediums to create artwork. Art provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop what they already know as a course of knowledge and creativity. It is important for the student to make a connection between the verbal and visual, logic and emotions, and imagination and reality. In this course, students will do so by using color, shapes, symmetry, and lines for texturing and action.

Art Development Level 3
Level 3 of Art Development aims to increase students' self-confidence and imagination by introducing artistic expressions and techniques from cultures around the world. The elements of color will be explored in various art forms, even combining art forms to encourage personal expression. Modern technology provides opportunities for the student to observe this history. The Level 3 Art Development student will explore some of these elements themselves in their own artwork, including the use of new materials to make art and discovering the effects of lighting on their artwork.

Art Development Level 4
The Level 4 Art Development student will continue to use various tools and mediums to encourage imagination and to recognize how it can assist them in other aspects of their lives. The course begins with a review of art basics, followed by an exploration of the composition and rhythm in artwork and their importance to artistic expression. These lessons provide a deeper awareness of the world around them by experiencing the influences of other cultures and master artists. Students will generate unique ideas from personal experiences to increase their self-confidence. As an individual, each student is gifted with unique talents and ideas. The goal of this course is to provide each student with an opportunity for personal growth and self-discovery through a variety of art forms.

Elementary Music - Recorders Level 1 (Grades K-3)
This course combines music and performing arts. Students will experience and learn new songs and perform them using their bodies. In addition, the student will begin learning how to play the recorder.



Technology (Grades 3-5)

Adventures in Roblox Studio

In this course, modules will be teaching students how to use Roblox Studio Dive into Roblix Studio, and see all the amazing tools they have to create their own Roblox worlds. This kids-friendly course walks them through how to use Roblox Studio, including creating their own custom drawings. Students will place and manipulate walls and objects to create their own custom Roblox adventure. Each individual lesson is make up of multiple lesson pages to teach a coding concept with text and visuals, provide in-lesson practice, and a step-by-step activity for the student to add newly learned code to their existing game file. Grading will be based on quizzes, project uploads, and teacher requirements.

Keyboarding

This course is written for beginning typers in the 3-8 grade levels. It gives students a complete tutorial of proper typing techniques and covers all alphabet keys, space bar, caps lock, shift, enter, and backspace. It includes many fun, engaging lessons and games to test students' speed and accuracy.

Minecraft Command Blocks Scripting

In this course, there are eight modules teaching students scripting logic using Minecraft Command Blocks. Students are introduced to scripting and automation through Minecraft command blocks. This course teaches great scripting logic as students automate fun projects. Minecraft has a huge list of commands used for scripting. Students will learn the logic behind the commands and their sequence to help them customize future ideas. In this course, they will create a huge racing track using ice, automate jump scares, make TNT fly around, and much more. Students must have their own Java edition Minecraft account to participate.

Scratch Coding

Scratch is a program developed by MIT to teach students the basics on how computers think. This course will introduce students to real coding programs and allow them to drag and drop coding blocks, creating a fully functional program. The simple user interface and tutorials allow students to quickly create and run their code to see its results. This course assumes no prior computer coding knowledge and includes self-graded, multiple-choice tests and quizzes.





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