



**Big Spring Cyber  
Elementary School Courses  
2020-2021**

## Elementary School Course Sequencing

<b>Kindergarten</b>	
<i>Course descriptions begin page 3</i>	
Kindergarten Social Studies (full year)	PE/Health (half year)
Kindergarten Science (full year)	Elective (half year)
Kindergarten Math (full year)	
Kindergarten Language Arts (full year)	
<b>1<sup>st</sup> Grade</b>	
<i>Course descriptions begin page 4</i>	
1st Grade Social Studies (full year)	PE/Health (half year)
1st Grade Science (full year)	Elective (half year)
1st Grade Math (full year)	
1st Grade Language Arts (full year)	
<b>2nd Grade</b>	
<i>Course descriptions begin page 5</i>	
2nd Grade Social Studies (full year)	PE/Health (half year)
2nd Grade Science (full year)	Elective (half year)
2nd Grade Math or Algebra 1 (full year)	
2nd Grade Language Arts (full year)	
<b>3<sup>rd</sup> Grade</b>	
<i>Course descriptions begin page 7</i>	
3rd Grade Social Studies (full year)	PE/Health (half year)
3rd Grade Science (full year)	Elective (half year)
3rd Grade Math (full year)	
3rd Grade Language Arts (full year)	
<b>4<sup>th</sup> Grade</b>	
<i>Course descriptions begin page 8</i>	
4th Grade Social Studies (full year)	PE/Health (half year)
4th Grade Science (full year)	Elective (half year)
4th Grade Math (full year)	
4th Grade Language Arts (full year)	
<b>5<sup>th</sup> Grade</b>	
<i>Course descriptions begin page 10</i>	
5th Grade Social Studies (full year)	PE/Health (half year)
5th Grade Science (full year)	Elective (half year)
5th Grade Math or Algebra 1 (full year)	
5th Grade Language Arts (full year)	
<b>Elementary Elective Courses</b>	
<i>Course descriptions begin page 11</i>	

# Elementary School Course Descriptions

## Kindergarten Courses

<b>Language Arts K</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b>            This Kindergarten Language Arts course will teach students to identify and write all letters, produce letter sounds and also frequently used phonograms. Students will also master weekly sight words and reading and comprehension strategies to grow as readers.</p> <p><b>Required Materials:</b> Workbook (optional)            Alfalfa seeds ½ teaspoon Bag of dry beans,            QTY 100 Beads (caution: buttons would be a choking hazard),            QTY 50 of various size and color Beads in three colors, 1/8" to 3/16" wide,            QTY 30 of each color Bean seeds, Lima,            QTY 8 Bean seeds, Scarlet runner,            QTY 20 Blocks (Lego, building blocks, etc.),            QTY 16 Coin, Pennies (Caution: choking hazard)            QTY 10 Cardboard, 8.5" X 11",            QTY 2 3x5 Index Cards (100pk)            Crayons (64ct)            Cloth, (as a cape), 22" X 32"            Coin, Dime (Caution: Choking hazard),            QTY 1 Coin, Nickels (Caution: Choking hazard),            QTY 5 Chalk, sidewalk,            1 piece Cotton balls,            1.25 cups Cup, clear plastic, 12 oz (drinking glass)            Cup, clear plastic,            9 oz (glass tumbler) Cups,            foam coffee, 8 oz            Deck of cards, (like kid's Crazy 8s)            Dowel,            12" X 3/8" Felt,            Flashlight,            easy to take apart standard type Garden stakes, 3' to 4' long, QTY 3 Iron filings, 3 cc Jar, wide mouth, 16 to 32 oz            Magnets, 1 each of bar type and horse shoe type Magnifying glass, 50 to 75 mm Maple sugar, 1 tablespoon Mixture            of soil, sand and peat, 1 cup Modeling clay, about 2.5 lbs Nails, zinc 2" to 2.5", QTY 3 Paper plate, 9", QTY 5 Paper            towel to use as blotter paper, 2 sheets            Pipe cleaners in various colors,            QTY 26 total Plastic,            vinyl,            6" X 6" Pots, starter peat pots (includes soil),            QTY 5 Rubber band, thick,            3" long Salt,            1 cup Sand or glitter,            1 teaspoon Seeds, flowers,            QTY 10 Straws, clear drinking,</p>	

QTY 6 String, 9' Sunflower seeds (to plant),  
 QTY 25 Tacks / pushpins,  
 QTY 26 Toothpicks,  
 QTY 10 Poster Board (8.5 x 11, 9 pieces)  
 Pen, black click (able to be taken apart)  
 Watercolor paper, 9" X 12", QTY 2  
 Multi-Color Construction Paper  
 Variety of containers  
 Large piece of display board, about 36" X 48"  
 Textured fabrics and materials of different kinds (velvet, wool, sandpaper, bubble wrap, etc).  
 Sweet potato or avocado seed  
 Garden fork  
 Potato Apples

<b>Math K</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</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 off line. 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><b>Required Materials:</b> Workbook (optional)          78 beans or counters          Empty egg carton          Chalk          45 mini marshmallows          Hole punch          Scissors          Yarn          Tape          Buttons, beads          Pipe cleaner          Finger paints</p>	

<b>Science K</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> In Kindergarten Science, students in this course will use their senses to explore their world. Students experience nature walks, gardening, and imitative games by exploring varying concepts.</p> <p><b>Required Materials:</b> Workbook (optional)</p>	

<b>Social Studies K</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</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 what pets need and defining emotions.</p> <p><b>Required Materials:</b> Workbook (optional)</p>	

## First Grade Courses

<b>Language Arts 1</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> This First Grade Language Arts course will teach students to identify and write all letters, produce letter sounds and also frequently used phonograms. 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.</p> <p><b>Required Materials:</b> Workbook (optional)</p>	

<b>Math 1</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> 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.</p> <p><b>Required Materials:</b> Workbook (optional)  10 blocks or stackable objects  100 Counters (such as beans, pennies, etc.)  30 counters (beans)  Ruler (in inches)</p>	

Uncooked rice Various size containers and bowls (8) Masking tape (optional) Coins (pennies, nickels, dimes, quarters, dollars) Optional – Jump rope Optional – Rhythm instruments (bells, tambourine, sticks, or drum) Optional – String
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<b>Science 1</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</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.</p> <p><b>Required Materials:</b> Workbook (optional)</p>	

<b>Social Studies 1</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> In this semester, 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 important figures from American history such as Pocahontas, George Washington, Abraham Lincoln, and Clara Barton.</p> <p>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.</p> <p>Students will also make maps of their homes, neighborhoods, as well as a personal timeline.</p> <p><b>Required Materials:</b> Workbook (optional)</p>	

## Second Grade Courses

<b>Language Arts 2</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</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 weekly sight words and reading and comprehension strategies to grow as readers. All Common Core 2 LA standards are met in this course.</p> <p><b>Required Materials:</b> Workbook (optional)</p>	

<b>Math 2</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</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 1000 using knowledge of hundreds, tens, and ones. Lastly, students will demonstrate arrays with repeated addition.</p> <p><b>Required Materials:</b> Workbook (optional)</p>	

<b>Science 2</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> 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 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 had 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> <p><b>Required Materials:</b> Workbook (optional)</p>	

<b>Social Studies 2</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> 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.</p> <p><b>Required Materials:</b> Workbook (optional)</p>	

## Third Grade Courses

<b>Language Arts 3</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> This Third Grade Language Arts course will teach students to reading comprehension skill and strategies to help them become stronger readers. Students will also master weekly spelling and vocabulary words and grammar concepts that will help them become stronger writers. All Common Core Third Grade LA standards are met in this course.</p> <p><b>Required Materials:</b> Workbook (optional)</p>	

<b>Math 3</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</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 up to 10,000. Students will also comprehend the place value of base ten numbers up to 1,000,000 in order to find patterns and make estimations. Lastly, they will implement a 4-step approach to solving problems and express numbers differently including translating them into Roman Numerals or expressing them as ordinal numbers.</p> <p><b>Required Materials:</b> Workbook (optional)</p>	

<b>Science 3</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> Third grade 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 it's 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> <p><b>Required Materials:</b> Workbook (optional)</p>	



<b>Social Studies 3</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> In third grade, social studies students will begin to explore the basic fundamentals of social studies including geography, civics, and economics. Learners will begin by looking at the beginning of civilization and examining the ancient Hebrew civilization, the Phoenicians, and the Kush tribe of ancient Africa. They will then move on to examining the Native American tribes of the Cherokee, Sioux, and Hopi. Students will also look at the first explorers of the Americas and learn about the beginning of the United States. In the first semester students will learn important geographical factors in the ancient civilizations, Native American tribes and in the developing United States. Students will increase their skills by creating maps and looking at the landscapes. They will take a close look at their own personal heritage by mapping their ancestry. Learners will follow a step-by-step approach for successfully completing each lesson, which includes storytelling, repetition, projects, arts and crafts, and videos.</p> <p><b>Required Materials:</b> Workbook (optional)</p>	

## Fourth Grade Courses

<b>Language Arts 4</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> The 4th 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.</p> <p><b>Required Materials:</b> Choose One:  A Tale of Despereaux by Kate Dicamillo  Bud, Not Buddy by Christopher Paul Curtis  Tales of a Fourth Grade Nothing by Judy Blume  Workbook (optional)</p>	

<b>Math 4</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> 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. The third will be addressed in semester B.</p> <p><b>Required Materials:</b> Workbook (optional)</p>	

<b>Science 4</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</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. Grade 4 science uses many modes of instruction including video presentations, enrichment activities, and hands-on experimentation.</p> <p><b>Required Materials:</b> Workbook (optional)</p>	

<b>Social Studies 4</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> In grade 4 Social Studies learners will use their understanding of social studies skills to explore their local states and communities. They will begin the course by learning the topography of their particular area. Students will do this by creating a detailed landscape model. This project will be hands-on and require students to do research of their 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 semester concludes with an introduction to Colonial history. The course uses video, enrichment activities, and project-based learning to enhance the student's social studies skills.</p> <p><b>Required Materials:</b> Workbook (optional)</p>	

## Fifth Grade Courses

<b>Language Arts 5</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<b>Prerequisites:</b> None	
<p><b>Description:</b> 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.</p> <p><b>Required Materials:</b> Choose One:          Because of Winn Dixie by Kate Dicamillo          Number the Stars by Lois Lowry          The Watsons Go to Birmingham by Christopher Paul Curtis          Workbook (optional)</p>	

<b>Math 5</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<b>Prerequisites:</b> None	
<p><b>Description:</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.</p> <p><b>Required Materials:</b> Workbook (optional)</p>	

<b>Science 5</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<b>Prerequisites:</b> None	
<p><b>Description:</b> Grade 5 Science 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</p>	

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.

**Required Materials:** Workbook (optional)

<b>Social Studies 5</b>	<b>Length:</b> Full Year
	<b>Vendor:</b> Accelerate Education
<b>Prerequisites:</b> None	
<p><b>Description:</b> 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.</p>	
<b>Required Materials:</b> Workbook (optional)	

## Elementary Elective Courses

<b>Arts and Crafts K</b>	<b>Length:</b> Half Year
	<b>Vendor:</b> Accelerate Education
<b>Prerequisites:</b> None	
<p><b>Description:</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 on this course is on creating works of art. In this semester students will work with clay, draw with pastels, make fingerprint flowers, draw barns and animals using shapes and recognizing lines using the student’s name.</p>	
<p><b>Required Materials:</b> Crayons          Yellow, blue, red, and black markers          Multimedia paper          Watercolor paper          Pastels          11×14 or large 90lb watercolor paper          Tempera paint in primary colors of red, yellow and blue          Brush – 3/4” round          Water color brush          Craft stick          Pine cone, bird seed</p>	

Peanut butter, rice, beans

Household items such as glue, scissors, tape, ruler, paper towels, cardboard, masking tape, straws

<b>Arts and Crafts 1</b>	<b>Length:</b> Half Year
	<b>Vendor:</b> Accelerate Education

**Prerequisites:** None

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

Young artists will also explore a variety of media such as pastels, watercolors, crayons, tempera, and pencil drawing.

A particular emphasis on this course is on creating works of art. In this semester students will work create a watercolor tree, use a printing block, produce weather painting, and produce a watercolor painting.

**Required Materials:** Poster paper

Watercolor paper

Pastel/charcoal paper

Tempera paint in primary colors of red, yellow and blue

Brush – 3/4" round

Water color brush

Pastels

Crayons

Yellow, blue, red, and black markers

Household items such as glue, scissors, tape, ruler, cardboard

<b>Arts and Crafts 2</b>	<b>Length:</b> Half Year
	<b>Vendor:</b> Accelerate Education

**Prerequisites:** None

**Description:** 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 though out 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.

**Required Materials:** Basic Art and Crafting Supplies

<b>Health K-1</b>	<b>Length:</b> Half Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> Elementary Health K-1 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, communication, disease prevention, basic anatomy and physiology, and values of cooperation and teamwork.</p> <p><b>Required Materials:</b> None</p>	

<b>Physical Education K-1</b>	<b>Length:</b> Half Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> Elementary PE K-1 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include exercise safety, making healthy choices, nutrition, the benefits, components, and principles of fitness, basic anatomy and physiology, and values of cooperation and teamwork. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity</p> <p><b>Required Materials:</b> None</p>	

<b>Health 2-3</b>	<b>Length:</b> Half Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> Elementary Health 2-3 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, healthy behaviors, nutrition, disease prevention, conflict resolution, basic anatomy and physiology, and the values of respect and cooperation.</p> <p><b>Required Materials:</b> None</p>	

<b>Physical Education 2-3</b>	<b>Length:</b> Half Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> Elementary PE 2-3 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include warm-up and cool down, water safety, goal setting, nutrition, muscle strength and flexibility. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.</p> <p><b>Required Materials:</b> None</p>	

<b>Health 4-5</b>	<b>Length:</b> Half Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> Elementary Health 4-5 helps young learners establish a basic understanding of the aspects of health. Students focus on the various aspects of their health and how they can make healthy choices. Topics of study include personal safety, reducing illness, avoiding bullying, nutrition, healthy friendships, emergency situations, and the human body. Fourth grade will study the functioning systems of the body. Fifth grade will be covering the reproductive system, puberty and STDs.</p> <p><b>Required Materials:</b> None</p>	

<b>Physical Education 4-5</b>	<b>Length:</b> Half Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> Elementary PE 4-5 helps young learners establish a basic understanding of health and fitness. Students focus on health-related fitness and learn how to become more fit and healthy. Topics of study include warm-up and cool down, water safety, goal setting, nutrition, muscle strength and flexibility. In addition, students learn age-appropriate motor, non-locomotor, and manipulative skills. Students are required to participate in regular physical activity.</p> <p><b>Required Materials:</b> None</p>	

<b>Elementary Music - Recorder 1</b>	<b>Length:</b> Half Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> 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.</p> <p><b>Required Materials:</b> Recorder</p>	

<b>Keyboarding</b>	<b>Length:</b> Half Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None – Recommended Grades 4-5</p> <p><b>Description:</b> The keyboarding course is appropriate for elementary and middle school students. The curriculum introduces new keys by rows where students first learn the middle row, then the top row and the bottom row of the keyboard. The content is designed with a strong focus on sight and high frequency words. This course assumes no keyboarding experience and will guide them through the keyboard.</p> <p><b>Required Materials:</b> Students will need a computer or laptop for this course; tablets are not sufficient.</p>	

<b>Scratch Coding</b>	<b>Length:</b> Half Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None, Recommended Grades 4-5</p> <p><b>Description:</b> Scratch is a program developed by MIT teaching students the basics on how computers think! This program will introduce students to real coding programs and allow them to drag and drop coding blocks creating a fully functional program. The simple user interface and tutorials allow students to quickly create and run their code to see its results! This course assumes no prior computer coding knowledge and includes self-graded multiple-choice tests and quizzes.</p> <p><b>Required Materials:</b> Students will need a computer or laptop for this course; tablets are not sufficient.</p>	

<b>Art Development Level 1</b>	<b>Length:</b> Half Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> The importance of fine arts is a benefit, not just to the older student and population, but is a necessary area of development for the young student who will benefit with it in all areas of education. Art provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop what they already know as a source of knowledge and creativity. It is important for the student to make a connection between the verbal and visual; logic and emotions; imagination and reality. Art offers the student an opportunity to express feelings and emotions in their drawings and with color. The fine art program promotes self-esteem and self-awareness as it enhances personal fulfillment. Children have a wonderful imagination that, if</p>	



encouraged, will be needed though out their life. This program provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. Again, this is a necessity in lifetime experiences. The student will see the artistic expressions and inventions from cultures around the world that are part of the history of mankind and development. Modern media provides many opportunities to the student. However, the student has the benefit to experience it more closely in art classes. Repetition, important for young children, is evident in these lessons. Repetition is provided at different age levels while using various tools and mediums. Home, family and friends, pets, and toys are the young student’s world. The student will begin with their personal world as they think they know it, and discover so much more about it. These lessons provide a deeper awareness of the world immediately around them, and eventually their journey will grow from there. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live.

**Required Materials:** Basic Art and Crafting Supplies

<b>Art Development Level 2</b>	<b>Length:</b> Half Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> The importance of fine arts is a benefit, not just to the older student and population, but is a necessary area of development for the young student who will benefit with it in all areas of education. Art provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop what they already know as a source of knowledge and creativity. It is important for the student to make a connection between the verbal and visual; logic and emotions; imagination and reality. Art offers the student an opportunity to express feelings and emotions in their drawings and with color. The fine art program promotes self-esteem and self-awareness as it enhances personal fulfillment. Children have a wonderful imagination that, if encouraged, will be needed though out their life. This program provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. Again, this is a necessity in lifetime experiences. The student will see the artistic expressions and inventions from cultures around the world that are part of the history of mankind and development. Modern media provides many opportunities to the student. However, the student has the benefit to experience it more closely in art classes. Repetition, important for young children, is evident in these lessons. Repetition is provided at different age levels while using various tools and mediums. Home, family and friends, pets, and toys are the young student’s world. The student will begin with their personal world as they think they know it, and discover so much more about it. These lessons provide a deeper awareness of the world immediately around them, and eventually their journey will grow from there. Each student is an individual with unique ideas and talents. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which we live.</p> <p><b>Required Materials:</b> Basic Art and Crafting Supplies</p>	

<b>Art Development Level 3</b>	<b>Length:</b> Half Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> The Art program provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop their personal source of knowledge and creativity. Art offers the student the opportunity to experience a connection between the verbal and visual; logic and emotions; imagination and reality. The student is guided and encouraged to express feelings and emotions in their drawings and with color while promoting self-esteem and self-awareness in personal fulfillment. The imagination in children is encouraged in art. However, it will assist them in their other studies as well. This program provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. The student is introduced to some of the artistic expressions and techniques from cultures around the world. Modern technology provides opportunities for the student to observe this history. The art student will use some of these elements themselves in their own artwork. Repetition, important for children, is provided at different age levels while using various tools and mediums. Home, family, traditions, friends, pets, and toys are the young student’s world. The student will explore what they know of their world. These lessons provide a deeper awareness of the world immediately around them where their journey is just beginning. As an individual each student is gifted with unique talents and ideas. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which they live.</p> <p><b>Required Materials:</b> Basic Art and Crafting Supplies</p>	

<b>Art Development Level 4</b>	<b>Length:</b> Half Year
	<b>Vendor:</b> Accelerate Education
<p><b>Prerequisites:</b> None</p> <p><b>Description:</b> The Art program provides an opportunity for children to develop the use of their senses directly and encourages the student to further develop their personal source of knowledge and creativity. Art offers the student the opportunity to experience a connection between the verbal and visual; logic and emotions; imagination and reality. The student is guided and encouraged to express feelings and emotions in their drawings and with color while promoting self-esteem and self-awareness in personal fulfillment. The imagination in children is encouraged in art. However, it will assist them in their other studies as well. This program provides an opportunity for self-discipline through instruction and cooperation while providing the student with an opportunity for self-expression by using imaginative thinking for creative solutions. The student is introduced to some of the artistic expressions and techniques from cultures around the world. Modern technology provides opportunities for the student to observe this history. The art student will use some of these elements themselves in their own artwork. Repetition, important for children, is provided at different age levels while using various tools and mediums. Home, family, traditions, friends, pets, and toys are the young student’s world. The student will explore what they know of their world. These lessons provide a deeper awareness of the world immediately around them where their journey is just beginning. As an individual each student is gifted with unique talents and ideas. Our goal is to provide each student an opportunity for personal growth for themselves and the world in which they live.</p> <p><b>Required Materials:</b> Basic Art and Crafting Supplies</p>	