Stark County #100 Essential Skills Curriculum Map

Elementary

K -12 PE Goals & Essential Skills

The Stark County District 100 K-12 Physical Education goal is to have students graduate Stark County school district with the ability to stay active in their lifestyle. When the students graduate and make their way through life they will have knowledge and experiences that allow them to stay active and healthy. We believe that the first thing that stops for graduates is their fitness and activity levels.

Essential Skills for Stark County K - 12 Physical Education

- 1. Acquire movement and motor skills and understand concepts necessary to engage in moderate to vigorous physical activity.
- 2. Achieve and maintain a health-enhancing level of physical fitness based upon continual self-assessment.
- 3. Develop skills necessary to become a successful member of a team or work force as a team by working with others during physical activity.
- 4. Understand principles of health promotion and the prevention and treatment of illness and injury.
- 5. Understand human body systems and factors that influence growth and development.
- 6. Promote and enhance health and well-being through the use of effective communication and decision making skills.

Pre-K

Pre-K Quarter 1	 Social Emotional GOAL 30 Develop self-management skills to achieve school and life success and develop positive relationships with others. LEARNING STANDARD 30.A Identify and manage one's emotions and behavior. Preschool Benchmarks 30.A.ECa Recognize and label basic emotions. 30.A.ECb Use appropriate communication skills 	 Language Arts GOAL 1 Demonstrate increasing competence in oral communication (listening and speaking). LEARNING STANDARD 1.A Demonstrate understanding through age-appropriate responses.1 Preschool Benchmarks 1.A.ECa Follow simple one-, two- and three-step directions. 1.A.ECb Respond appropriately to questions from others. 1.A.ECc Provide comments relevant to 	 Math GOAL 6 Demonstrate and apply a knowledge and sense of numbers, including numeration and operations.19 LEARNING STANDARD 6.A Demonstrate beginning understanding of numbers, number names, and numerals.20 Preschool Benchmarks 6.A.ECa Count with understanding and recognize "how many" in small sets up to 5.21 6.A.ECb Use subitizing (the rapid
	 when expressing needs, wants, and feelings. 30.A.ECc Express feelings that are appropriate to the situation. 30.A.ECd Begin to understand and follow rules. 30.A.ECe Use materials with purpose, safety, and respect. 30.A.ECf Begin to understand the consequences of his or her behavior 	 1.A.ECd Identify emotions from facial expressions and body language. 	 and accurate judgment of how many items there are without counting) to identify the number of objects in sets of 4 or less.22 6.A.ECc Understand and appropriately use informal or everyday terms that mean zero, such as "none" or "nothing".23 6.A.ECd Connect numbers to quantities they represent using physical models and informal representations.2

Pre-K Quarter 2	 Social Emotional LEARNING STANDARD 30.C Demonstrate skills related to successful personal and school outcomes.75 Preschool Benchmarks 30.C.ECa Exhibit eagerness and curiosity as a learner. 30.C.ECb Demonstrate persistence and creativity in seeking solutions to problems. 30.C.ECc Show some initiative, self-direction, and independence in actions. 30.C.ECd Demonstrate engagement and sustained attention in activities. 	 Language Arts LEARNING STANDARD 1.C Use language to convey information and ideas. Preschool Benchmarks 1.C.ECa Describe familiar people, places, things, and events and, with teacher assistance, provide additional detail. 	 Math LEARNING STANDARD 6.B Add and subtract to create new numbers and begin to construct sets. Preschool Benchmarks 6.B.ECa Recognize that numbers (or sets of objects) can be combined or separated to make another number.27 6.B.ECb Show understanding of how to count out and construct sets of objects of a given number up to 5.28 6.B.ECc Identify the new number created when small sets (up to 5) are combined or separated.29 6.B.ECd Informally solve simple mathematical problems presented in a meaningful context.3 6.B.ECe Fairly share a set of up to 10 items between two children.
Pre-K Quarter 3	 Social Emotional LEARNING STANDARD 30.C Demonstrate skills related to successful personal and school outcomes.75 Preschool Benchmarks 30.C.ECa Exhibit eagerness and curiosity as a learner. 30.C.ECb Demonstrate persistence and creativity in seeking solutions to problems. 30.C.ECc Show some initiative, self-direction, and independence in actions. 30.C.ECd Demonstrate engagement and sustained attention in activities. 	 Language Arts GOAL 2 Demonstrate understanding and enjoyment of literature. LEARNING STANDARD 2.A Demonstrate interest in stories and books.6 Preschool Benchmarks 2.A.ECa Engage in book-sharing experiences with purpose and understanding. 2.A.ECb Look at books independently, pretending to read. 	 Math GOAL 7 Explore measurement of objects and quantities.32 LEARNING STANDARD 7.A Measure objects and quantities using direct comparison methods and nonstandard units. Preschool Benchmarks 7.A.ECa Compare, order, and describe objects according to a single attribute.33 7.A.ECb Use nonstandard units to measure attributes such as length and capacity. 7.A.ECc Use vocabulary that describes and compares length, height, weight, capacity, and size. 7.A.ECd Begin to construct a sense of time through participation in daily activities.

Pre-K Quarter 4	 Social Emotional LEARNING STANDARD 32.B Apply decision-making skills to deal responsibly with daily academic and social situations. Preschool Benchmarks 32.B.ECa Participate in discussions about finding alternative solutions to problems. 	 Language Arts GOAL 4 Demonstrate increasing awareness of and competence in emergent reading skills and abilities. LEARNING STANDARD 4.A Demonstrate understanding of the organization and basic features of print.12 Preschool Benchmarks 4.A.ECa Recognize the differences between print and pictures. 4.A.ECb Begin to follow words from left to right, top to bottom, and page by page. 4.A.ECc Recognize the one-to-one relationship between spoken and written words. 4.A.ECd Understand that words are separated by spaces in print. 4.A.ECe Recognize that letters are grouped to form words. 4.A.ECf Differentiate letters from numerals. 	 Math GOAL 8 Identify and describe common attributes, patterns, and relationships in objects.35 LEARNING STANDARD 8.A Explore objects and patterns Preschool Benchmarks 8.A.ECa Sort, order, compare, and describe objects according to characteristics or attribute(s).36 8.A.ECb Recognize, duplicate, extend, and create simple patterns in various formats
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Kindergarten

Kindergarte n Quarter 1	 Math When counting objects, say the number names in the standard order, pairing each object with one and only one number name and each number name with one and only one object. Understand that the last number name said tells the number of objects counted. The number of objects is the same regardless of their arrangement or the order in which they were counted. Understand that each successive number name refers to a quantity that is one larger. Write numbers from 0 to 10. Represent a number of objects with a written numeral 0-10 	 Reading Recognize and name all upper- and lowercase letters of the alphabet. (letters: m, a, s,)p Read common high-frequency words by sight (sight words: the, we, see, a) With prompting and support, identify the main topic of a text With prompting and support, ask and answer questions about unknown words in a text. 	 Writing Participate in shared research and writing projects. Use a combination of drawing, dictating, and writing to narrate a single event or several loosely linked events, tell about the events in the order in which they occurred, and provide a reaction to what happened. 	 Science Use observations to describe patterns of what plants and animals (including humans) need to survive. Use and share observations of local weather conditions to describe patterns over time. Use observations (firsthand or from media) to describe patterns in the natural world in order to answer scientific questions. Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.
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Kindergart en Quarter 2	 Math Classify objects and count the number of objects in each category. Analyze, compare, create, and compose shapes. Identify and describe shapes (squares, circles, triangles, rectangles). Compare lengths using taller than and shorter than with aligned and non-aligned endpoints Directly compare two objects with a measurable attribute in common, to see which object has "more of"/"less of" the attribute, and describe the difference. 	 Reading Recognize and name all upper- and lowercase letters of the alphabet (letters: t, i, n, c, o, d) Read common high-frequency words by sight (sight words: like, to, and, go, you, do) With prompting and support, describe the relationship between illustrations and the story in which they appear With prompting and support, name the author and illustrator of a story and define the role of each in telling the story. With prompting and support, describe the role of each in telling the story. 	 Writing Use a combination of drawing, dictating, and writing to narrate a single event or several loosely linked events, tell about the events in the order in which they occurred, and provide a reaction to what happened. Apply knowledge of capitalization, punctuation, and finger spacing to publish. Spell simple words phonetically, drawing on knowledge of sound-letter relationships 	 Science Use observations to describe patterns of what plants and animals (including humans) need to survive. Use and share observations of local weather conditions to describe patterns over time. Use observations (firsthand or from media) to describe patterns in the natural world in order to answer scientific questions. Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.
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Kindergart	Math	Reading	Writing	Science
en Quarter 3	 Represent addition and subtraction with objects, fingers, mental images, drawings, sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations. Solve addition and subtraction word problems, and add and subtract within 10, e.g., by using objects or drawings to represent the problem. Decompose numbers less than or equal to 10 into pairs in more than one way, e.g., by using objects or drawings, and record each decomposition by a drawing or equation (e.g., 5 = 2 + 3 and 5 = 4 + 1). 	 Recognize and name all upper- and lowercase letters of the alphabet (letters: h, e, f, r, b, l, k, ck, u, g, w, x, v, j, q, y, z) Read common high-frequency words by sight <u>(sight words:</u> my, are, he, with, is, little, she, was, for, have, they, of, said, want, here, me, this, what) With prompting and support, ask and answer questions about key details in a text. With prompting and support, make predictions about a text. Confirm/revise them using text evidence. 	 With guidance and support from adults, respond to questions and suggestions from peers and add details to strengthen writing as needed. Use a combination of drawing, dictating, and writing to compose opinion pieces in which they tell a reader the topic or the name of the book they are writing about and state an opinion or preference about the topic or book (e.g., My favorite book is). 	 Materials and Motion Plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object. Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or a pull. Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs.

Kindergart	Math	Reading	Writing	<u>Science</u>
en Quarter 4	 Compose Numbers 11–20 from 10 Ones and Some Ones; Represent and Write Teen Numbers Decompose Numbers 11–20, and Count to Answer "How Many?" Questions in Varied Configurations Extend the Say Ten and Regular Count Sequence to 100 Represent and Apply Compositions and Decompositions of Teen Numbers Describe the systematic construction of flat shapes using ordinal numbers. Compose simple shapes to form a larger shape described by an outline. Decompose flat shapes into two or more shapes. 	 Associate the long and short sounds with the common spellings (graphemes) for the five major vowels. (sounds: long vowels with silent e, ee) Read common high-frequency words by sight (sight words: help, to, play, has, where, look, who, good, come, does) Distinguish between similarly spelled words by identifying the sounds of the letters that differ. With prompting and support, compare and contrast the adventures and experiences of characters in familiar stories With prompting and support, make predictions about a text. Confirm/revise them using text evidence. 	 With guidance and support from adults, respond to questions and suggestions from peers and add details to strengthen writing as needed. Use a combination of drawing, dictating, and writing to compose informative/explanatory texts in which they name what they are writing about and supply some information about the topic. 	 Animals Two by Two Use observations to describe patterns of what plants and animals (including humans) need to survive. Use a model to represent the relationship between the needs of different plants and animals and the places they live. Construct an argument supported by evidence for how plants and animals can change the environment to meet their needs

First Grade

1st Grade Quarter 1	Math• Uses addition and subtraction up to 20 to solve word problems• Solves addition and subtraction in various ways• Solves for the missing number using addition and subtraction	 Reading Segments the beginning, middle, and ending sounds of words Decode regularly spelled short vowel words Read Sight words Decode words with consonant blends 	 Writing Writes narratives including sequencing events, details, and a specific purpose. Capitalization of names, dates, 1st word in sentences and "I." Uses end punctuation for sentences Spells untaught words phonetically
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	 Identify, count, and write numbers to 120 	 Reads on-level text orally with accuracy, rate, and expression Identifies the main topic and retell key details of a text Identify and describe characters, settings, and major events in the story 	
1st Grade Quarter 2	 Math Uses addition and subtraction up to 20 to solve word problems Solves addition and subtraction in various ways Solves for the missing number using addition and subtraction Understand the meaning of the equal sign 	 Reading Segments the beginning, middle, and ending sounds of words Decode regularly spelled short vowel words Read Sight words Decode words with consonant blends Reads on-level text orally with accuracy, rate, and expression Identifies the main topic and retell key details of a text Identify and describe characters, settings, and major events in the story Decodes words with consonant digraphs 	 Writing Writes narratives including sequencing events, details, and a specific purpose. Capitalization of names, dates, 1st word in sentences and "I." Uses end punctuation for sentences Spells untaught words phonetically
1st Grade Quarter 3	 Math Uses addition and subtraction up to 20 to solve word problems Solves addition and subtraction in various ways Solves for the missing number using addition and subtraction Understand place value (ones, tens, hundreds) Given and two digit number, finds ten more and ten less Compare two-digit numbers using <,>, and = 	 Reading Segments the beginning, middle, and ending sounds of words Decode regularly spelled short vowel words Read Sight words Decode words with consonant blends Reads on-level text orally with accuracy, rate, and expression Identifies the main topic and retell key details of a text Identify and describe characters, settings, and major events in the story Decode words with long vowel patterns 	 Writing Writes narratives including sequencing events, details, and a specific purpose. Writes informative/explanatory texts in which they name a topic and supply some facts about the topic Capitalization of names, dates, 1st word in sentences and "I." Uses end punctuation for sentences Spells untaught words phonetically
1st Grade Quarter 4	 Math Uses addition and subtraction up to 20 to solve word problems Solves addition and subtraction in various ways Solves for the missing number using addition and subtraction 	 Reading Segments the beginning, middle, and ending sounds of words Decode regularly spelled short vowel words Read Sight words Decode words with consonant blends 	 Writing Writes narratives including sequencing events, details, and a specific purpose. Writes informative/explanatory texts in which they name a topic and supply some facts about the topic

 Understand place value (ones, tens, hundreds) Given and two digit number, finds ten more and ten less 	 Read on-level text with understanding Reads on-level text orally with accuracy, rate, and expression Identifies the main topic and retell key details of a text Identify and describe characters, settings, and major events in the story Decode words with long vowel patterns Decode two-syllable words following basic patterns Read words with suffixes 	
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	2nd Grade				
2nd Grade Quarter 1	 Reading and Written Language Read and comprehend increasingly difficult text Read fluently with expression Identify and describe the characters, setting, and plot in a given text Read independently during assigned times Read accurately with the ability to self-correct Decode unknown words Demonstrate command of the conventions of capitalization, punctuation, and spelling when writing Create a narrative about an event with detailed description and closure Participate in conversations about second grade topics and texts Follow agreed upon rules of discussions (listening to others with care, staying on topic, asking 	 Math Use addition and subtraction within 100 to solve one-and-two-step word problems Fluently add and subtract within 20 using mental strategies Fluently add and subtract within 100 Measure the length of an object by selecting and using appropriate tools Measure and estimate lengths in standard units Relate addition and subtraction to length Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones Skip-count by 5's, 10's, and 100's within 1000 Read and write numbers to 1000 	 Social Studies Apply calendar skills to everyday life Make connections with events in history Integrate citizenship to create a sense of community Science Solids and Liquids Investigate the properties of the 3 states of matter 		

	questions)		
2nd Grade Quarter 2	 Reading and Written Language Continue to build on all Quarter 1 essential skills Recognize different genres of literature (fiction, nonfiction, poetry, fables, etc.) Create opinion pieces with topic introductions, providing reasons for opinions, and a conclusion Create informative texts with topic introductions, supporting facts, and a conclusion 	 Math Use addition and subtraction within 100 to solve one and two step word problems Fluently add and subtract within 100 using strategies of place value and properties of operations Add and subtract within 1000 using concrete models or drawings and strategies of properties of operations Mentally add or subtract 10 or 100 to a given number Explain why addition and subtraction strategies work 	 <u>Social Studies</u> Apply calendar skills to everyday life Make connections with events in history Integrate citizenship to create a sense of community <u>Science</u> Solids and Liquids Compare the properties of solids and liquids and draw conclusions about changing states of matter
2nd Grade Quarter 3	 Reading and Written Language Continue to build on all Quarter 1 and Quarter 2 essential skills Strengthen writing through revision and editing. Use digital tools to produce and publish writing. Complete writing projects that take more than one day to finish. 	 Math Fluently add and subtract within 1000 using strategies of place value and properties of operations Mentally add or subtract 10 or 100 to a given number Explain why addition and subtraction strategies work Determine odd and even numbers up to 20 Use addition to find the total number of objects in a rectangular array 	 Social Studies Apply calendar skills to everyday life Make connections with events in history Integrate citizenship to create a sense of community Science Pebbles, Sand, and Silt Investigate Earth's materials Explore the cause and effect of Earth's forces

2nd Grade Quarter 4	 Reading and Written Language Continue to build on all Quarter 1, Quarter 2, and Quarter 3 essential skills Know and use various text features (captions, pictures, bold print, subheadings, glossaries, etc.) 	 Math Measure and estimate lengths in standard units Relate addition and subtraction to length Solve word problems using money Generate data by measuring lengths of several objects Draw picture graphs and bar graphs to represent data Tell time and write time to the nearest 5 minutes using analog and digital clocks Recognize and draw shapes based on their given attributes Partition circles and rectangles into equal shares using the words halves, thirds, a half of, a third of, etc. 	 Social Studies Apply calendar skills to everyday life Make connections with events in history Integrate citizenship to create a sense of community Science Insects and Plants Investigate, explore, and document the life cycles of various insects and plants
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3rd Grade

3rd Grade I Quarter 1	 Math Review addition Review subtraction Demonstrate multiplication using repeated addition, arrays, and commutative property with various multiplication facts. 	 Reading Formulate main idea and using key details for support. Students will analyze various texts and passages by asking and answering questions before, during, and after reading. Students will combine information to summarize by sequencing the events of a story. Critique how characters' actions and traits 	 Social Studies Construct and interpret maps with continents and oceans using map skills. 	 Writing/English Compose a friendly letter using proper format. Demonstrate the conventions of standard English (punctuation, capitalization, and complete sentences)and grammar when writing. Apply spelling conventions and knowledge of high frequency words 	 Science Weather, Water and Climate (Foss Series) Represent data in tables and graphica displays to describe typical weather conditions expected during a particular season. Combine information to compare and describe climates in different regions of the world.
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		 contribute to a stories events. Students will identity and support cause and effect relationships in a section of a text using prior and new knowledge and keywords. 			
3rd Grade Quarter 2	 Math Demonstrate multiplication using repeated addition, arrays, commutative property, and distributive property with multiplication facts 0-10. Demonstrate the inverse relationship between division and multiplication. Explain how to and differentiate between rounding to the nearest 10 or 100 using place value. Analyze word problems to determine when addition or subtraction is needed and demonstrate using standard algorithm. 	 Reading continue going deeper with Q1 skills and strategies (main idea and key details, ask and answer questions, sequence events, character's actions cause and effect) Assess how point of view shapes the content and style of a text. Students will construct various graphic organizers to compare and contrast characters, topics, and concepts in order to assimilate their differences and similarities. Use text features to cite evidence to demonstrate understanding of a given text. 	Social Studies • Construct and analyze timelines of key historical events and people of the past.	 Writing/English Write narratives to develop real or imagined experiences or events. Demonstrate the conventions of standard English (punctuation, capitalization, and complete sentences)and grammar when writing. Apply spelling conventions and knowledge of high frequency words Develop and strengthen writing through planning, revising, editing, rewriting, and publishing. 	 Science Motion and Matter (Foss Series) Students will learn force and motion concepts by studying and examining the wheel-and-axle system, and the effects of gravity, magnetism, and friction on objects through observation, modeling, and interpretation of data created by various investigations that demonstrate push, pull, attraction, and repulsion. Make observations and/or measurements of an object's motion to provide evidence that a pattern can be used to predict future motion. Formulate scientific ideas about magnets.

3rd Grade Quarter 3	Math •	Illustrate how concepts of area relate to multiplication. Solve real world and mathematical problems involving perimeters of polygons. Analyze properties of polygons to classify. Describe and model fractional parts of a whole and of a set. Use models, number lines, and quantitative reasoning to compare fractions.	 Reading read with accuracy and fluency to support comprehension continue Q1 and Q2 skills and strategies to comprehend at the high end of grade 3 text complexity independently 	Social Studies • Explain how communities are formed with rules and procedures while illustrating how culture helps develop various traditions within a community.	 Writing/English Construct and write arguments to support an opinion or point of view using valid reasoning and evidence. Demonstrate the conventions of standard English (punctuation, capitalization, and complete sentences)and grammar when writing. Apply spelling conventions and knowledge of high frequency words Develop and strengthen writing through planning, revising, editing, rewriting, and publishing. 	 Science Structure of Life (Foss Series) Describe that organisms have unique and diverse life cycles while identifying similarities. Analyze and interpret data to provide evidence that plants and animals have traits inherited from parents.
3rd Grade Quarter 4	Math •	Measure lengths to the nearest half and fourth inch. Represent and interpret data with various graphs. Tell and write time to the nearest minute and interpret time intervals.	 Reading read with accuracy and fluency to support comprehension continue Q1, Q2, Q3 skills and strategies to comprehend at the high end of grade 3 text complexity independently 	Social Studies Summarize economics using goods and services and local businesses.	 Writing/English Write Informative texts to examine a topic and convey information clearly and accurately using research. Demonstrate the conventions of standard English (punctuation, capitalization, and complete sentences)and grammar when writing. 	 <u>Science</u> Structure of Life (Foss Series) Construct explanations for how variations in characteristics may provide advantages in surviving. Explain with evidence that in a particular habitat some organisms can survive well and some less or not at all.

		 Apply spelling conventions and knowledge of high frequency words Develop and strengthen writing through planning, revising, editing, rewriting, and publishing.
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4th Grade

4th Grade Quarter 1	 Math Understands and applies knowledge of place value. Fluently add or subtracts multi-digit whole numbers using the standard algorithm. Use length, mass and capacity in the metric system to convert between units using place value knowledge. 	 Writing Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences. Demonstrate command of the convents of standard English grammar when writing. 	 Social Studies Develop claims and use evidence to support the claim. Explain government systems as a local, state, and national levels. Constructs and interprets maps. Explains causes and effects in history. 	Science • Conducts investigations about energy.	 Reading Read with sufficient accuracy and fluency to support comprehension. Determine the theme or main idea of a text and support it with key details. Determine the meaning of phrases and word in both Literature and Informational Text. By the end of the year, read and comprehend Literature and Information text in a grade 4-5 complexity band.
4th Grade Quarter 2	Math ● Uses multiplication	Writing Write narratives to develop real or imagined 	 Social Studies Develop claims and use evidence to 	 Science Conducts investigations about energy. 	 Read with sufficient accuracy and fluency to

	 strategies to solve problems. Uses division strategies to solve problems. Understands and applies knowledge of place value 	 experiences or events using effective technique, descriptive details, and clear event sequences. Demonstrate command of the convents of standard English grammar when writing. Write opinion pieces on topics of texts, supporting a point of view with reasons and information. 	support the claim. • Explain government systems as a local, state, and national levels • Explains causes and effects in history.		 support comprehension. Determine the theme or main idea of a text and support it with key details. Determine the meaning of phrases and word in both Literature and Informational Text. By the end of the year, read and comprehend Literature and Information text in a grade 4-5 complexity band.
4th Grade Quarter 3	 Math Draw and identify lines and angles Adds, subtracts, and multiplies fractions to solve a problem. Compares and identifies fractions as <, >, or equivalent. 	 Writing Write informative/expla natory texts to examine a topic and convey ideas and information clearly. Demonstrate convents of standard English grammar when writing. Write opinion pieces on topics of texts, supporting a point of view with reasons and information. 	 Social Studies Develop claims and use evidence to support the claim. Explain government systems as a local, state, and national levels Explains causes and effects in history 	Science • Conducts investigations about energy.	 Reading Read with sufficient accuracy and fluency to support comprehension. Determine the theme or main idea of a text and support it with key details. Determine the meaning of phrases and word in both Literature and Informational Text. By the end of the year, read and comprehend Literature and Information text in

					a grade 4-5 complexity band.
4th Grade Quarter 4	 Math Adds, subtracts, and multiplies fractions to solve a problem. Compares and identifies fractions as <, >, or equivalent. Understands decimal notation for fractions, and compare decimal fractions. 	 Writing Write informative/expla natory texts to examine a topic and convey ideas and information clearly. Demonstrate command of the convents of standard English grammar when writing. 	 Social Studies Develop claims and use evidence to support the claim. Explain government systems as a local, state, and national levels Explains causes and effects in history. Understands Civil Rights, responsibilities, and privileges. 	Science • Conducts investigations about energy.	 Reading Read with sufficient accuracy and fluency to support comprehension. Determine the theme or main idea of a text and support it with key details. Determine the meaning of phrases and word in both Literature and Informational Text. By the end of the year, read and comprehend Literature and Information text in a grade 4-5 complexity band.

5th Grade

5th Grade Quarter 1	Math• Read, write, and compare whole numbers and decimal numbers• Identify place value patterns• Round decimals to tenths, hundredths, 	 Social Studies Use inquiry skills across social studies topics. Examine the origins and purposes of rules, laws, and key U.S. constitutional provisions. Describe how the cultural and environmental 	 Science Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost. Generate and compare multiple 	Reading•Reread text to increase understanding•Review basic story elements•Accurately quote reasons and evidence from the text to support responses	 Language Arts Use descriptive details in writing Learn and practice the format of a paragraph Write a narrative text Write in complete sentences and use correct 	
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	decimals Multiply a whole number by a decimal Divide a whole number by a decimal	 characteristics of places within the United States change over time. Analyze why and how individuals, businesses, and nations around the world specialize and trade. Explain probable causes and effects of events and developments in U.S history. 	 possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem. Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night,and the seasonal appearance of some stars in the night sky. 	 Determine sequence of events within a text Use context clues to identify the meaning of unknown words Acquire and accurately use grade appropriate general academic and domain specific words Demonstrate understanding of idioms Summarize fiction and non-fiction text Make inferences from fiction and informational text 	 grammar Adjust style and tone to match purpose and audience Use subject and predicate information to compose complete and incomplete sentences Use strong words in writing Write and identify the elements of compound sentences Improve writing as it relates to sequence
5th Grade Quarter 2	 Math Multiply whole numbers up to a three digit by a two digit number Divide whole numbers up to a four digit dividend by a two digit divisor Multiply a decimal by a decimal Divide a decimal by a decimal 	 <u>Social Studies</u> Use inquiry skills across social studies topics. Analyze events leading to the Revolutionary War. Examine the origins and purposes of rules, laws, and key U.S. constitutional provisions Describe how the cultural and 	 Science Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth. Support an argument that the gravitational force 	 Reading Identify cause/effect, problem/solutio n, and sequence text structures Use sentence cues to interpret the meaning of homographs, synonyms, and antonyms 	 Language Arts Write and identify the elements of complex sentences Use varying sentence structure in writing Determine run-on sentences and correct them through revising

		 environmental characteristics of places within the United States change over time. Analyze why and how individuals, businesses, and nations around the world specialize and trade. Explain probable causes and effects of events and developments in U.S history. 	 exerted by Earth on objects is directed down. Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact. Describe and graph the amounts and percentages of water and fresh water in various reservoirs to provide evidence about the distribution of water on Earth. 	 Identify characteristics of multiple genres Use Greek roots, Greek prefixes/suffixe s, and Latin prefixes/suffixe s to determine the meaning of unknown words Identify the author's point of view within a text Identify the theme of a text and support it with key details 	 and editing Develop the main idea in writing Use correct parts of speech in writing Generate a strong opening in writing
5th Grade Quarter 3	 Math Multiply whole numbers up to a three digit by a two digit number Divide whole numbers up to a four digit dividend by a two digit divisor Multiply a decimal by a decimal Divide a decimal by a decimal 	 Social Studies Use inquiry skills across social studies topics. Examine the origins and purposes of rules, laws, and key U.S. constitutional provisions. Describe how the cultural and environmental characteristics of places within the United States change over time. Analyze why and how individuals, businesses, and nations around the world specialize 	 Science Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment. Use models to describe that energy in animals' food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the sun. Develop a model to 	Reading•Identify characteristics of multiple genres•Make, confirm, and revise predictions based on evidence from a text•Compare/contr ast two or more characters, settings, or events in a text•Demonstrate understanding of similes and metaphors•Compare and	 Language Arts Determine the elements of an opinion piece Select a strong opinion piece topic Brainstorm and organize all ideas for an opinion piece Research evidence to support opinions Write an opinion piece

		and trade. • Explain probable causes and effects of events and developments in U.S history.	 describe the movement of matter among plants, animals, decomposers, and the environment. Support an argument that plants get the materials they need for growth chiefly from air and water. 	 contrast stories in the same genre on their approaches to similar themes/topics Determine the main idea of a text and identify key details (also determine multiple main ideas in informational text) 	
5th Grade Quarter 4	 Math Write and interpret numerical expressions Calculate volume using the operations of multiplication and addition Calculate the area of rectangular figures with fractional side lengths Analyze and classify two dimensional figures Graph points on a coordinate plane and identify patterns in the coordinate plane Draw figures and problem solve in the coordinate 	 Social Studies Use inquiry skills across social studies topics. Examine the origins and purposes of rules, laws, and key U.S. constitutional provisions. Describe how the cultural and environmental characteristics of places within the United States change over time. Analyze why and how individuals, businesses, and nations around the world specialize and trade. Explain probable causes and effects of events and developments in U.S history. 	 Science Develop a model to describe that matter is made of particles too small to be seen. Measure and graph quantities to provide evidence that regardless of the type of change that occurs when heating, cooling, or mixing substances, the total weight of matter is conserved. Make observations and measurements to identify materials based on their properties. Conduct an investigation to determine whether the mixing of two or more substances 	 Demonstrate understanding of personification Identify characteristics of multiple genres Compare and contrast multiple accounts of the same topic and multiple viewpoints of the same event Analyze print and digital resources, determine how the digital resource influences print Comprehend poetry and drama and 	 Language Arts Use relevant, on topic details to support writing Use formal/informal voice in writing and determine when to use each Use precise language in writing Write an informational text

plane	 Analyze events leading to the Civil War, including the expansion of slavery in the western territories Compare/Contrast the Southern and Northern economies Reconstruction era Investigate how the cultural and environmental characteristics of places within the U.S. change over time 	results in new substances.	identify/determi ne elements of prose/drama/p oetry • Read with sufficient accuracy and fluency to comprehend on level texts	
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Elementary Specials (Art and Music)

Art, Band, Music Quarter 1	Art •	 K-1: Engage in exploration an imaginative play with materials. 2-3: Elaborate on multiple approaches to an artistic problem. 4-5: Combine ideas to generate an innovative idea for art making 	Music •	K 1st	0 0 0 0	Understanding Music Class Discriminating between voices Interpreting beat in music Demonstrating music opposites: High/Low, Loud/Quiet, Fast/Slow, Long/Short Evaluating music opposites: High/Low, Loud/Quiet,
	Band •	Instrument Assembly Beginning Sound Production	•	2nd 3rd	0	Fast/Slow, Long/Short Singing in a group Using basic music vocabulary correctly to describe music: Beat, Rhythm, Melody, Tempo, Dynamics
			•	4th 5th		Understand what patriotism is Create a program for Veteran's using patriotic music Explore the history of the Star Spangled Banner Understanding the Orchestra Categorizing instruments into instrument families

		 Perform beginning 2-Part harmony Explain two-part music notation
Art, Band, Music Quarter 2	 Art K-1: Use observation and investigation in preparation for making a work of art. 2-3: Experiment with various materials and tools to explore personal interests in a work of art. 4-5: Demonstrate quality craftsmanship through care for and use of materials, tools and equipment. Band Perform as a Large Ensemble Listening across and ensemble 	Music K Developing a singing voice vs. shouting in a group Practice interpreting beat in a variety of music 1st Singing as a large group Moving to the beat 2nd Singing in a group Producing a musical 3rd Sing as a group Perform and dance for an audience 4th Sing in a group Perform and dance for an audience 5th Performing in a group in beginning harmony Producing a musical including creating props and costumes
Art, Band, Music Quarter 3	 Art K-1: Through experimentation, build skills in various media and approaches to art making. 2-3: Demonstrate an understanding of the safe and proficient use of materials, tools and equipment for a variety of artistic processes. 4-5: Create artwork that is meaningful and has purpose to the makers. Band Solo Playing Small Ensemble Playing 	Music • K • Evaluating how music tells a story • Creating a story that goes with a set piece of music • Composing beat-ful music • 1st • Explore historical context of a variety of classical music • Use drawing to express understanding of music's tonal qualities • 2nd • Explore historical context of a variety of classical music • Use drawing to express understanding of music's tonal qualities • 3rd • Explore historical context of a variety of classical music • Use drawing to express understanding of music's tonal qualities • 3rd • Explore historical context of a variety of classical music • Use drawing to express understanding of music's tonal qualities

		 tonal qualities 4th Analyzing rhythms using traditional numerical counting Analyzing rhythms using non-traditional syllabic words Rhythmic fluency in quarter notes, half notes, whole notes, eighth notes, and sixteenth notes as well as their corresponding rests in a wide variety of combinations 5th Perform independently for a judge Perform in a small ensemble for a judge Explain the historical context of music being performed
Art, Band, Music Quarter 4	 Art K-1: Explain the process of making art while creating. 2-3: Discuss and reflect about choices made in creating artwork 4-5: Experiment and develop skills in multiple art making techniques and approaches through practice. Band Extending range and tone Playing independently in a large ensemble 	Music • K • Evaluating melody as a rollercoaster • Performing with a singing voice alone and with others • 1st • Compose music using quarter notes/rests and paired eighth notes • Practice music using quarter notes/rests and paired eighth notes • Practice music on a treble staff from Middle C to G • Practice music on a variety of tonal instruments • Perform music on a variety of tonal instruments • Perform music with pitches ranging the C octave. • Perform music using poetry. • Accompanying other singers with pitched instruments. • Composing music using poetry. • Std • Read music using the entire treble clef • Perform music using the entire treble clef • Perform music using the entire treble clef • Begin performing rounds • Producing a musical sound on the recorder • Performing a wide variety of music on the recorder

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