



ELEMENTARY CURRICULUM

FIFTH GRADE FIRST NINE WEEKS – LISD Curriculum Overview

All LISD Curriculum is written by LISD teachers under the guidance of LISD Curriculum Personnel.

All LISD Curriculum is developed based on the Texas Essential Knowledge and Skills (TEKS) for each grade level.

The TEKS are located on the TEA website(http://www.tea.state.tx.us/index2.aspx?id=6148&menu_id=720&menu_id2=785).

Reading Language Arts	Social Studies
<p>Unit 1 Big Ideas:</p> <ul style="list-style-type: none">● Structure and elements of fiction● Establish habits of readers and writers● Set a purpose for reading and writing● Self-select text to read● Collect ideas for writing● Use a process for writing● Respond to and interact with text● Consider an author's purpose and learn from authors● Set goals as readers and writers <p>Unit 2 Big Ideas:</p> <ul style="list-style-type: none">● Use thinking strategies to comprehend text● Respond to text read, hear, or viewed● Analyze structure and elements of fiction text● Analyze and apply author's craft● Plan, draft, revise, and edit personal narrative compositions <p>Unit 3 (continues to 2nd 9 weeks) Big Ideas:</p> <ul style="list-style-type: none">● Use thinking strategies to comprehend text● Respond to text read, hear, or viewed● Analyze structure and elements of informational text● Analyze and apply author's craft● Plan, draft, revise, and edit informational/expository compositions● Engage in research/inquiry	<p>Unit 1 Big Ideas:</p> <ul style="list-style-type: none">● Apply and use geographic tools to collect information● Describe/compare physical and human geographic regions in the United States● Identify how historic documents protect our freedoms and human rights <p>Unit 2 Big Ideas:</p> <ul style="list-style-type: none">● Explain causes/effects of European colonization● Identify and describe settlement patterns● Describe how and why people have adapted to and modified their environment● Explain economic patterns of early European colonists● Identify and compare representative government and monarchy● Describe the accomplishments of significant leaders during the colonial period



Mathematics	Science
<p>Intentional Problem Solving Unit TEKS: Process 1ABCDEFGF Big Ideas:</p> <ul style="list-style-type: none">● Apply, represent, and communicate mathematical thinking to solve real-world problems● Analyze mathematical relationships to make connections, develop strategies, and justify mathematical ideas and arguments <p>Unit 1: Base Ten Relationships (focus on decimals) TEKS: 2ABC, 1ABCDEFGF Big Ideas:</p> <ul style="list-style-type: none">● Apply, represent, and communicate mathematical thinking to solve real-world problems● Analyze mathematical relationships to make connections, develop strategies, and justify mathematical ideas and arguments● Apply the understanding of place value relationships to the four operations in order to solve real world problems● Be skilled at reading and representing numbers in a variety of formats● Round whole numbers and recognize place value through the billions● Represent, compare and order decimals to the hundredths using concrete and visual models● Relate decimals and fractions <p>Unit 2: Addition, Subtraction (decimals), Multiplication and Division (whole numbers) Situations TEKS: 3ABCK, 4A, 1ABCDEFGF Big Ideas:</p> <ul style="list-style-type: none">● Apply, represent, and communicate mathematical thinking to solve real-world problems● Apply an understanding of Base-10 relationships to develop various strategies/methods for whole and positive rational number operations.● Demonstrate the ability to determine efficient strategies and methods to solve problems accurately.● Analyze, create, and extend patterns and relationships to select strategies and formulas to solve problems.● Identify prime and composite numbers.	<p>Scientific Investigation and Reasoning Unit 1: Scientific Procedures and Processes</p> <p>Big Ideas: Process (Continued All Year):</p> <ul style="list-style-type: none">● Follow safe and ethical practices in their work in accordance with accepted science standards● Address concepts and vocabulary in context● Carefully implement studies of the natural world that can be tested by others● Clearly communicate valid oral and written results● Use critical thinking and problem solving to make decisions● Use tools and models to investigate the natural world <p>Matter & Energy Unit 2: Matter</p> <p>Big Ideas: Content:</p> <ul style="list-style-type: none">● classify matter based on measurable, testable, and observable physical properties, including mass, magnetism, physical state (solid, liquid, and gas), relative density (sinking and floating using water as a reference point), solubility in water, and the ability to conduct or insulate thermal energy or electric energy(5A) <p>Unit 3: Mixtures Content:</p> <ul style="list-style-type: none">● demonstrate that mixtures, including solutions, maintain physical properties of their ingredients such as iron filings and sand or sand and water, and salt and water(5B)● identify changes that occur in the physical properties of the ingredients of solutions(5C)



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Mathematics	Science
	<p data-bbox="841 268 1182 300">Force, Motion, & Energy</p> <p data-bbox="841 338 1341 369">Unit 4: Use of Energy and Light Energy</p> <p data-bbox="841 369 954 401"><u>Content:</u></p> <ul data-bbox="865 401 1528 642" style="list-style-type: none"><li data-bbox="865 401 1528 457">● explore the uses of energy, including mechanical, light, thermal, electrical, and sound energy(6A)<li data-bbox="865 457 1528 514">● demonstrate that light travels in a straight line until it strikes an object(6C)<li data-bbox="865 514 1528 571">● Demonstrate that when light strikes certain objects it can be reflected. (6C)<li data-bbox="865 571 1528 642">● Demonstrate that when light strikes certain objects it can be refracted. (6C) <p data-bbox="841 678 1219 709"><u>Process (Continued All Year):</u></p> <ul data-bbox="865 709 1528 1010" style="list-style-type: none"><li data-bbox="865 709 1528 766">● Follow safe and ethical practices in their work in accordance with accepted science standards<li data-bbox="865 766 1528 798">● Address concepts and vocabulary in context<li data-bbox="865 798 1528 854">● Carefully implement studies of the natural world that can be tested by others<li data-bbox="865 854 1528 886">● Clearly communicate valid oral and written results<li data-bbox="865 886 1528 942">● Use critical thinking and problem solving to make decisions<li data-bbox="865 942 1528 1010">● Use tools and models to investigate the natural world