



ELEMENTARY CURRICULUM

FIFTH GRADE SECOND 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 3 (continues from 1st 9 weeks)</p> <p>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 4</p> <p>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 poetry● Analyze and apply author's craft● Plan, draft, revise, and edit poetry● Compose correspondence to request information <p>Unit 5</p> <p>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 traditional literature● Analyze structure and elements of drama● Analyze and apply author's craft● Plan, draft, revise, and edit informational/expository compositions	<p>Unit 3</p> <p>Big Ideas:</p> <ul style="list-style-type: none">● Causes and effects prior to and during American Revolution● Motivations and contributions of individuals during the revolutionary period● Leadership qualities of past national leaders● Results of the American Revolution● Key elements and purposes of the Declaration of Independence <p>Unit 4</p> <p>Big Ideas:</p> <ul style="list-style-type: none">● Issues that led to the creation of the U.S. Constitution● Contributions of individuals to the U.S. Constitution● Organization of governments in colonial America● Important ideas in the U.S. Constitution● Basic functions of the three branches of government● Framework of government created by the U.S. Constitution



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Mathematics

Science



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Unit 3: Addition and Subtraction Situations (Fractions)

TEKS: 3AHK, 1ABCDEFG

Big Ideas:

- 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.
- 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.

Unit 4: Multiplication and Division Understanding (Fractions and Decimals)

TEKS: 3ADEFGIJL, 1ABCDEFG

Big Ideas:

- Apply an understanding of Base 10 relationships to develop various strategies/methods for whole and rational number computation
- Demonstrate the ability to determine efficient strategies and methods to solve problems accurately
- 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
- Understand that fractions and decimals are rational numbers and they can be used interchangeably to represent different values
- Be skilled at using a variety of representations, including objects, pictorial models, and area models, to model multiplication and division involving fractions and decimals

Force, Motion, and Energy

Unit 5: Electrical Energy and Circuits

Content:

- Demonstrate that the flow of electricity in circuits requires a complete path through which an electric current can pass and can produce light, heat and sound. (6B)
- Demonstrate that an open circuit will not work. (6B)
- Demonstrate that some light bulbs in a circuit can work while others cannot. (6B)

Unit 6: Forces and Motion

Content:

- design a simple experimental investigation that tests the effect of force on an object(6D)
- Use spring scales to measure the amount of force applied to an object (4A)
- Demonstrate and observe how position and motion can be changed by pushing and pulling objects to show work being done such as swings, balls, and wagons (3.6B)
- Accurately use a metric ruler to measure distances of movement after a force has been applied (3.6B 4A)

12 Week CBA Window Nov. 4 - 22nd

Earth and Space

Unit 7: Sun-Earth-Moon

Content:

- demonstrate that Earth rotates on its axis once approximately every 24 hours causing the day/night cycle and the apparent movement of the Sun across the sky(8C)
- identify and compare the physical characteristics of the Sun, Earth, and Moon(8D)

Unit 8 Interaction of Sun with Water Cycle

(5.8B)

- explain how the Sun and the ocean interact in the water cycle(8B)

Unit 9 Weather and Climate

(5.8A)

- differentiate between weather and climate (8A)

Process (Continued All Year):

- 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



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- Use tools and models to investigate the natural world

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