



ELEMENTARY CURRICULUM

FOURTH 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 (continued 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">● Cause/effects of European colonization● Location of settlement patterns● Ways people adapted to and modified their environment● Texas' role in the Mexican War of Independence● Accomplishments and motivations of significant empresarios● Characteristics of Spanish colonial government and early Mexican government / impact on Texans <p>Unit 4</p> <p>Big Ideas:</p> <ul style="list-style-type: none">● Causes, events, and major effects of Texas Revolution● Important leaders and their impact of Texas as a republic and state● Importance of the Texas Declaration of Independence● Economic activities of early immigrants to Texas● Important customs, symbols, and celebrations of Texas



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Mathematics	Science
<p>Unit 3 – Multiplication and Division Situations Focus on estimation and 1-digit multipliers and divisors TEKS: 4BDEFGH, 5AB, 1ABCDEFGH</p> <p>Big Ideas:</p> <ul style="list-style-type: none">• Apply an understanding of Base-10 relationships to develop various strategies/methods for whole and rational number operations.• Demonstrate the ability to determine efficient strategies and methods to solve problems accurately.• Analyze, create, and extend patterns and relationships to solve problems.• 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 4: Multiplication Situations Focus on estimation and 2-digit by 2-digit factors TEKS: 4CDGH, 1ABCDEFG</p> <p>Big Ideas:</p> <ul style="list-style-type: none">• 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.• Analyze, create, and extend patterns and relationships to solve problems.• 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>Force, Motion, and Energy Unit 5: Thermal/Electrical Energy and Circuits Content:</p> <ul style="list-style-type: none">• Differentiate between conductors and insulators of thermal and electrical energy(6B)• Demonstrate that electricity travels in a closed path, creating an electrical energy(6C) <p>Unit 6: Forces a Content:</p> <ul style="list-style-type: none">• Observe and describe how Pushing/Pulling, Magnetism, Gravity, and Friction affect matter. (6D)• Design a descriptive investigation to explore the effect of force (pushing/pulling, magnetism, gravity, friction or magnetism) (6D) <p>Earth And Space Unit 7: Exploring the Process of the Water Cycle Content:</p> <ul style="list-style-type: none">• Describe and illustrate the continuous movement of water above and on the surface of Earth through the water cycle. (8B)• Explain the role of the Sun as a major source of energy in this process. (8B) <p>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