

## FOURTH GRADE FOURTH 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](http://www.tea.state.tx.us/index2.aspx?id=6148&menu_id=720&menu_id2=785)).

<b>Reading Language Arts</b>	<b>Social Studies</b>
<p style="text-align: center;"><b>Unit 8</b></p> <p><b>Big Ideas:</b></p> <ul style="list-style-type: none"> <li>• Use thinking strategies to comprehend text</li> <li>• Respond to text read, hear, or viewed</li> <li>• Analyze structure and elements across genres</li> <li>• Analyze and apply author’s craft</li> <li>• Plan, draft, revise, and edit informational compositions</li> </ul> <p style="text-align: center;"><b>Unit 9</b></p> <p><b>Big Ideas</b></p> <ul style="list-style-type: none"> <li>• Use thinking strategies to comprehend text</li> <li>• Respond to text read, hear, or viewed</li> <li>• Analyze structure and elements across genres</li> <li>• Analyze and apply author’s craft</li> <li>• Plan, draft, revise, and edit argumentative and narrative compositions</li> <li>• Correspondence writing</li> </ul>	<p style="text-align: center;"><b>Unit 7</b></p> <p><b>Big Ideas:</b></p> <ul style="list-style-type: none"> <li>• Impact of the Great Depression, Dust Bowl, and World War II</li> <li>• How Texas, the United States, and other parts of the world are economically interdependent</li> </ul> <p style="text-align: center;"><b>Unit 8</b></p> <p><b>Big Ideas:</b></p> <ul style="list-style-type: none"> <li>• Impact of scientific discoveries on Texas</li> <li>• Customs, celebrations, and traditions of various cultural, regionals, and local groups</li> <li>• Basic functions of the three branches of government according to the Texas Constitution</li> <li>• Important individuals who have participated in civic affairs</li> <li>• Participation of individuals in civic affairs</li> <li>• Individual responsibility in state and local elections</li> <li>• How to contact elected and appointed leaders</li> <li>• Leaders in state and local government</li> </ul>
<b>Mathematics</b>	<b>Science</b>
<p><b>Unit 8: Measurement</b> TEKS: 5CD, 8ABC, 1ABCDEF</p> <p><b>Big Ideas:</b></p> <ul style="list-style-type: none"> <li>• Understand and apply relationships in measurement to select units, strategies, and tools to solve problems.</li> <li>• Apply, represent, and communicate mathematical thinking to solve real-world problems.</li> <li>• Analyze mathematical relationships to make connections</li> </ul> <p><b>Unit 9: Data Analysis</b> TEKS: 9AB, 1ABCDEF</p>	<p><b>Organisms and Environments</b> <b>Unit 12: Life Cycles of Plants and Animals</b></p> <p><b>Big Ideas:</b> <b>Content:</b></p> <ul style="list-style-type: none"> <li>• <b>Explore, Illustrate, and compare life cycles in living organisms such as beetles, crickets, radishes, or beans (10C)</b></li> </ul> <p><b>Unit 13: Structure and Function for Survival and Inherited Traits of Organisms</b> <b>Big Ideas:</b> <b>Content:</b></p> <ul style="list-style-type: none"> <li>• Explore how adaptations enable organisms to survive in their environment such as comparing birds' beaks and leaves on plants (10A)</li> <li>• Explore and describe examples of traits that are inherited from parents to offspring such as eye color and shapes of leaves. (10B)</li> </ul>

**Big Ideas:**

- Collect, organize, display, and interpret data to make it useful for solving problems.
- Understand and apply relationships to select strategies to solve problems
  
- Apply, represent, and communicate mathematical thinking to solve real-world problems.
- Analyze mathematical relationships to make connections

**Unit 10: Personal Financial Literacy**

TEKS: 10ABCDE, 1ABCDEFG

**Big Ideas:**

- Manage financial resources effectively to ensure lifetime financial security.
- 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.

- Explore and describe that some behaviors are learned such as reading a book and a wolf pack teaching their pups to hunt effectively. (10B)

**Unit 14 : Energy for/ Adaptations of Organisms****Big Ideas:****Content:**

- Investigate that most producers need sunlight, water, and carbon dioxide to make their own food (9A)
- Investigate that consumers are dependent on other organisms (plants or animals) for food (9A)
- Describe the flow of energy through food webs, beginning with the Sun, and predict how changes in the ecosystem affect the food web. (9B)

**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
- Use tools and models to investigate the natural world