

FOURTH GRADE THIRD 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 style="text-align: center;">Unit 6</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 style="text-align: center;">Unit 7</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 argumentative text • Analyze and apply author’s craft • Plan, draft, revise, and edit argumentative compositions 	<p style="text-align: center;">Unit 5</p> <p>Big Ideas:</p> <ul style="list-style-type: none"> • Successes, problems, and organizations of the Republic of Texas • Events that led to the annexation of Texas to the U.S. • Leaders important to the founding of Texas as a republic and state • Impact of the Civil War and Reconstruction on Texas <p style="text-align: center;">Unit 6</p> <p>Big Ideas:</p> <ul style="list-style-type: none"> • Impact of individuals on the cattle industry • Impact of climate, landforms, transportation, and natural resources on patterns of settlement and economic activities • Effects upon American Indian life resulting from changes in Texas • Impact of railroads on life in Texas • Patterns of work and economic activities • Scientific discoveries and innovations

Mathematics	Science
<p>Unit 5: Fraction Understanding and Relationships TEKS: 3ABCDEF, 1ABCDEF</p> <p>Big Ideas:</p> <ul style="list-style-type: none"> • Apply knowledge of fractions to partition an object or set of objects when solving problems. • Represent/compare fractions, including equivalent fractions. • Apply an understanding of Base-10 relationships to develop various strategies/methods for whole and positive rational number operations. • Apply an understanding of Base-10 relationships to develop relationships between 	<p style="text-align: center;">Earth And Space</p> <p>Unit 8: Patterns in Weather and Seasons Content:</p> <ul style="list-style-type: none"> • Measure and record changes in weather (8A) • Make predictions about changes in weather (8A) • Collect and analyze data to identify the sequence of seasons, moon phases, and shadows (8C)

relationships to develop relationships between fractional units/parts of a whole 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.

Unit 6: Geometric Figures

TEKS: 6ABCD, 1ABCDEFGF

Big Ideas:

- Demonstrate the ability to determine efficient strategies and methods to solve problems accurately.
- Analyze, create, and extend patterns and relationships to solve problems.
- Identify, analyze, and classify geometric attributes to create generalizations and 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.

Unit 7: Angle Measurement

TEKS: 7ABCDE, 1ABCDEFGF

Big Ideas:

- Understand and apply the knowledge that angles are measurable attributes and can be quantified using unit amounts and their relationships to a circle.
- 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 9: Weathering, Erosion, Deposition

Content:

- observe and identify slow changes to Earth's surface caused by weathering, erosion and deposition from water, wind and ice.(7B)

Unit 10: Natural Resources

Content:

- **Identify and classify Earth's renewable resources, including air, water, plants, and animals; and nonrenewable resources, including coal, oil, and natural gas (7C)**
- **Identify the importance of conservation (7C)**

Unit 11: Soil Properties and Supporting Plants

Content:

- **Examine properties of soils, including color and texture, capacity to retain water, and ability to support the growth of plants (7A)**

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**