



SECOND 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).

Integrated Language Arts and Social Studies

Language Arts

Unit D: Reading: Once Upon a Time; **Writing:** Imaginative Stories

Big Ideas

- Understand comprehension strategies (create mental images, make connections, make inferences) as well as discuss and respond to texts help them to understand an author's message.
- Understand that there are distinguishing structures and characteristics of literary texts (including folktales, fables, fairy tales)
- Recognize that the choices authors make have a purpose (including text features)
- Describe main character's internal and external traits and importance of setting
- Describe plot elements
- Use the writing process to compose imaginative stories

Unit E: Reading: Lead the Way; **Writing:** Writing to Explain

Big Ideas

- Understand comprehension strategies (establish purpose for reading, generate questions, make inferences, synthesize information, evaluate details, make connections) as well as discuss and respond to texts help them to understand an author's message.
- Understand that there are distinguishing structures and characteristics of informational texts (persuasive, biography)
- Recognize that the choices authors make have a purpose (including text features)
- State what the author is trying to persuade the reader to think or do
- Describe main character's internal and external traits and importance of setting
- Connect and evaluate important ideas to determine the central idea
- Retell and paraphrase in ways that maintain meaning and logical order
- Use the writing process to compose informational texts explaining an idea

Social Studies

Unit B: How My Government Works

Big Ideas:

- Understand that governments have many purposes.
- Name and compare roles of public officials including mayor, governor, and president
- Identify ways citizens can participate in their own governance by providing input and volunteering

Combined Reading & Social Studies Unit

Units F (Reading) and Unit C (Social Studies): My Family & Community Traditions; **Writing:** Correspondence

Big Ideas:

- Demonstrate comprehension strategies (make predictions, make connections, creating mental images, monitor comprehension) as well as discussing and responding to texts help them to understand an author's message.
- Understand that there are distinguishing structures and characteristics of genres (including informational text).
- Recognize that the choices authors make have a purpose
- Understand the significance of community, state and national celebrations.
- Customs, symbols, and celebrations represent American beliefs and principles.
- Understand time and chronology of historical events.
- Families celebrate their cultural traditions in various ways.
- Use the writing process to compose correspondence



Mathematics

Unit 4: Measurement (Area, length, time)

TEKS: 9ABCDEFG, 1ABCDEFG

Big Ideas:

- Recognize and represent the relationship between units of measurement and parts of a whole.
- Apply, represent, and communicate mathematical thinking to solve real-world problems.
- Analyze mathematical relationships to make connections, develop strategies, and justify mathematical ideas/arguments.

Unit 5 – Multiplication and Division Understanding

TEKS: 6AB, 7A, 1 abcdefg

Big Ideas:

- Apply an understanding repeated addition/subtraction to develop a foundation for multiplication/division.
- Demonstrate the ability to model, create, and describe equal groupings and shares 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/arguments.

Unit 6: Base Ten Relationships (to 999)

TEKS: 2ABCDEF, 7B, 1ABCDEFG

Big Ideas:

- Apply an understanding of Base 10 relationships to develop various strategies/methods for whole number computation.
- Apply an understanding of Base 10 relationships to solve monetary transactions.
- Demonstrate the ability to determine efficient strategies and methods to solve problems accurately.
- Represent/compare whole numbers to 999.
- Compose/decompose numbers (whole numbers, fractions, measurement).
- Represent the magnitude/relative position of numbers.
- Identify and apply numbers patterns to describe relationships.

Science

Force, Motion, & Energy

Unit 4: Energy: Light, Heat, Sound

Big Ideas:

Content:

- Identify forms of energy (light, heat, and sound) (6A)
- Investigate the cause/effect of energy (light, heat, and sound) when different amounts are used (6A)

Unit 5: Forces & Motion

Big Ideas:

Content:

- Observe and identify ways a magnet is used in everyday life (6B)
- Trace and compare patterns of movement of objects.. (6C)
- Compare patterns of movement of objects such as sliding, rolling, and spinning (6C)

Earth & Space

Unit 6: Rocks

Big Ideas:

Content:

- Observe, compare, and describe rocks by size, texture, and color (7A)

Unit 7: Natural Sources of Water (continues in 3rd 9 weeks)

Big Ideas:

Content:

- identify and compare the properties of natural sources of freshwater and saltwater (7B)

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 tools and models to investigate the natural world