



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 inferences) as well as discuss and respond to texts to understand an author's message.
- Understand that there are distinguishing structures and characteristics of literary texts (including folktales, fables, fairy tales, drama)
- Recognize that the choices authors make have a purpose (including text structure)
- Describe main character's internal and external traits and importance of setting
- Describe plot elements (main event, conflict/resolution)
- 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, make connections) as well as discuss and respond to texts to understand an author's message.
- Understand that there are distinguishing structures and characteristics of children's literature (informational, persuasive, fiction)
- Recognize that the choices authors make have a purpose (including text structure, graphics, and features)
- State what the author is trying to persuade the reader to think or do
- Distinguish fact from opinion
- Describe main character's internal and external traits and importance of setting
- Use text evidence to support a response
- 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 (generate questions, make connections, evaluate details) as well as discuss and respond to texts to understand an author's message.
- Understand that there are distinguishing structures and characteristics of genres (including informational text).
- Determine the central idea of a text with supporting evidence
- 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



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: 2ABCDE, 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.

Matter and Energy

Unit 3: Changing and Combining Matter (continued from 1st 9 weeks)

Big Ideas:

Content:

- Demonstrate that things can be done to materials to change their physical properties (cutting, folding, sanding) (5C)
- Compare changes in materials caused by heating and cooling (5B)
- combine materials that when put together can do things that they cannot do by themselves such as building a tower or a bridge and justify the selection of those materials based on their physical properties (5D)

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)

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