FIFTH 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

Unit 6

Big Ideas:

- 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

Unit 7

Big Ideas

- 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

Social Studies

Unit 5

Big Ideas:

- Causes and effects of the War of 1812
- Significant events associated with U.S. territorial expansion
- Reasons people moved west
- Challenges of American Indian groups
- Effects of supply and demand on business, industry, and agriculture
- Changes resulting from the Industrial Revolution
- Causes and effects of the Civil War
- How industry and the mechanization of agriculture changed the American way of life
- How geographical factors influenced location and economic activities

Unit 6

Big Ideas:

- How industry and the mechanization of agriculture changed the American way of life
- Impact of science and technology on society
- Locations and patterns of settlement
- How people adapt to and modify their environment
- Development, characteristics, and benefits of the free enterprise system
- Patterns of work and economic activities

Mathematics

Unit 5: Understanding Expressions and Equations

TEKS: 4BCDEF, 8ABC, 1ABCDEFG

Big Ideas:

- Apply an understanding of Base-10 relationships to develop various strategies/methods for whole and positive rational number operations.
- Demonstrate the ability to determine

Science

MOY Review Stations from MOY CBA Data Jan 7-10

Earth and Space

Demonstrate the ability to determine efficient strategies and methods to solve problems accurately.
- Analyze, create, and extend patterns and relationships to select strategies and formulas 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 and Measurement

TEKS: 4GH, 5, 6AB, 7, 1ABCDEFG

Big Ideas:

- Identify, analyze, and classify geometric attributes to create generalizations and solve problems.
- Understand and apply relationships in measurement to select units, strategies, formulas, and tools 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 7: Data Analysis

TEKS: 9ABC, LS_5.2, 1ABCDEFG

Big Ideas:

- Collect, organize, display, and interpret data to make it useful for solving 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 10: Weathering Erosion and Deposition
Content:

- recognize how landforms such as deltas, canyons, and sand dunes are the result of changes to Earth's surface by wind, water, or ice(5.7B) (recall LISDOLA trip in this unit)

Unit 11: Sedimentary Rock and Fossil Fuel Formation
Content:

- explore the processes that led to the formation of sedimentary rocks and fossil fuels(7A)

Organisms in the Environment

Unit 12: Fossils
Content:

- identify fossils as evidence of past living organisms and the nature of the environments at the time using models(5.9D)

Unit 13: Structure and Functions of Organisms
Content:

- compare the structures and functions of different species that help them live and survive in a specific environment such as hooves on prairie animals or webbed feet in aquatic animals
(5.10A)

Science Benchmark Window March 2nd - 27th

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