

What your child will learn in Grade 5



Grade 5 Literacy Goals

Types of Skills	Goals
Foundational	In fifth grade, a portion of the literacy block should continue to focus on developing & sustaining word structure knowledge through demonstrating & applying phonetic (decoding) knowledge & spelling (encoding) knowledge for listening, speaking, reading, writing, and thinking.
Reading	In fifth grade, students develop & sustain comprehension & response skills while listening & reading. These skills should progress throughout the year as students use metacognitive strategies to determine author's purpose, analyze craft, & recognize genre characteristics & structures in increasingly complex texts.
Writing	In fifth grade, students develop & sustain oral & written language skills to communicate ideas effectively. By using the writing process recursively, students will compose multiple texts that consider audience & purpose, apply appropriate genre characteristics & craft, & determine appropriate mode of delivery.

Grade 5 Literacy

Unit	Dates	Foundational Skills TEKS	Reading TEKS	Writing TEKS
Unit 1: Introduction to Multiple Genres	8/14 - 9/22	5.2Aii, 5.2Av, 5.2Bi, 5.2Biii, 5.2C, 5.3A, 5.3B, 5.3C, 5.4A	5.6A, 5.6C, 5.6D, 5.6F, 5.6G, 5.6H, 5.6I, 5.7B, 5.7C, 5.7D, 5.7E, 5.7G, 5.8A, 5.8B, 5.8C, 5.8D, 5.9B, 5.9C, 5.9Di, 5.9Dii, 5.9Diii, 5.9Ei, 5.10A, 5.10B, 5.10C, 5.10D, 5.10E, 5.10F, 5.10G	5.11A, 5.11Bi, 5.11Bii, 5.11C, 5.11Di, 5.11Dii, 5.11Diii, 5.11Div, 5.11Dv, 5.11Dvi, 5.11Dvii, 5.11Dviii, 5.11Dix, 5.11Dxi, 5.11E, 5.12A, 5.12B
Unit 2: Elements of Multiple Genres	9/25 – 11/3	5.2Aiii, 5.2Biv, 5.4A	5.6B, 5.6E, 5.6F, 5.7A, 5.7C, 5.8C, 5.9A, 5.9Di, 5.9F, 5.10A	5.11Bi, 5.11Bii, 5.11C, 5.12C, 5.12D

Unit	Dates	Foundational Skills TEKS	Reading TEKS	Writing TEKS
Unit 3: Developing Comprehension through Multiple Genres	11/6 – 12/21	5.2Ai, 5.2Aiv, 5.2Bii, 5.2Bv, 5.2Bvi, 5.4A,	5.6E, 5.6F, 5.7C, 5.8C, 5.9Di, 5.9Eii, 5.9Eiii, 5.10A	5.11Bi, 5.11Bii, 5.11C
Unit 4: Deepening Understanding of Multiple Genres	1/9 – 2/16	5.4A	5.6E, 5.6F, 5.7C, 5.8C, 5.9Di, 5.10A	5.11Bi, 5.11Bii, 5.11C
Unit 5: Making Real World Connections through Multiple Genres	2/21 – 4/2	5.4A	5.6E, 5.6F, 5.7C, 5.8C, 5.9Di, 5.10A	5.11Bi, 5.11Bii, 5.11C

STAAR Review & Test

4/2 – 4/16

Unit	Dates	Foundational Skills TEKS	Reading TEKS	Writing TEKS
Unit 6: Genre Studies	4/17 – 5/24	5.4A	5.6E, 5.6F, 5.7C, 5.8C, 5.9Di, 5.10A	5.11Bi, 5.11Bii, 5.11C

Grade 5 Mathematics

Unit	Dates	TEKS	Unit Goals
Unit 1: Place Value, Addition, and Subtraction	8/14 – 9/8	5.2A, 5.2B, 5.2C, 5.3A, 5.3K	Students will: <ul style="list-style-type: none"> Compare and order decimals through the thousandths place using symbols. Add and subtract whole numbers and decimals fluently.
Unit 2: Multiplication & Division of Whole Numbers & Decimals	9/11 – 10/27	5.3A, 5.3B, 5.3C, 5.3D, 5.3E, 5.3F, 5.3G	Students will: <ul style="list-style-type: none"> Solve multiplication and division problems with whole numbers. Represent and solve for quotients to the hundredths with whole number divisors. Represent and solve for products of decimals to the hundredths.
Unit 3: Fraction Operations	10/30 – 12-21	5.3A, 5.3H, 5.3I, 5.3J, 5.3K, 5.3L	Students will: <ul style="list-style-type: none"> Add and subtraction fractions with unlike denominators. Add and subtract positive rational numbers fluently.

Unit	Dates	TEKS	Unit Goals
			<ul style="list-style-type: none"> • Represent and solve division of whole numbers by unit fractions and unit fractions by whole numbers. • Represent and solve multiplication of whole numbers and fractions.
Unit 4: Algebraic Reasoning	1/9 – 2/9	5.4B, 5.4C, 5.4D, 5.4E, 5.4F, 5.8A, 5.8B, 5.8C	Students will: <ul style="list-style-type: none"> • Represent and solve multi-step problems using an equation with a letter standing for the unknown. • Generate a numerical pattern when given a rule. • Simplify numerical expressions with two levels of grouping. • Graph ordered pairs in the first quadrant.
Unit 5: Data Analysis	2/12 – 3/1	5.9A, 5.9B, 5.9C	Students will: <ul style="list-style-type: none"> • Represent data with bar graphs, frequency tables, dot plots, stem-and-leaf, and scatterplots. • Solve one- and two-step problems using data from a frequency table, dot plot, bar graph, stem-and-leaf plot, or scatterplots.
Unit 6: Geometry & Measurement	3/4 – 4/5	5.4G, 5.4H, 5.5A, 5.6A, 5.6B, 5.7A	Students will: <ul style="list-style-type: none"> • Solve problems involving perimeter, area, and volume. • Use the properties of 2D shapes to classify them in a hierarchy of sets and subsets.
Unit 7: Personal Financial Literacy & STAAR Review	4/8 – 5/24	5.10A, 5.10B, 5.10C, 5.10D, 5.10E, 5.10F	Students will: <ul style="list-style-type: none"> • Explain the difference between gross and net income. • Balance a budget. • Define income tax, sales tax, payroll tax, and property tax. • Describe actions to balance a budget where the expenses exceed the income.

Grade 5 Science/Engineering

Unit	Dates	TEKS	Unit Goals
Unit 1: Processes and Physical Properties of Matter	8/14 – 9/1	5.5A 5.5B 5.5C 3.5C	Students will: <ul style="list-style-type: none"> • Classify matter and observe, and record changes in the state of matter caused by heating or cooling • compare and contrast a variety of mixtures and solutions in order to understand that different factors change matter and matter can be changed/manipulated but not destroyed
Unit 2: Organisms and Environments	9/4 – 10/6	5.9A 5.9B 5.9C 5.10A 5.10B 3.9A 3.10B	Students will: <ul style="list-style-type: none"> • Observe the way organisms live and survive in their ecosystem by interacting with the living and nonliving components • Describe the flow of energy within a food web and predict the effect of changes in ecosystems • Observe and describe the physical characteristics of environments
Unit 3: Force Motion and Energy	10/16 – 11/17	5.6A 5.6B 5.6C 5.6D 3.6B	Students will: <ul style="list-style-type: none"> • Explore the uses of energy • Demonstrate that the flow of electricity in closed circuits can produce light, heat, or sound • Demonstrate that light travels in a straight line until it strikes an object and is reflected or travels through one medium to another and is refracted • Design a simple experimental investigation that tests the effect of force on an object
Unit 4: Water and Weather	11/27 – 12/22	5.8A 5.8B 4.8A 4.8B	Students will: <ul style="list-style-type: none"> • Differentiate between weather and climate • Explain how the Sun and the ocean interact in the water cycle • Measure, record, and predict change in weather

Unit	Dates	TEKS	Unit Goals
			<ul style="list-style-type: none"> Describe and illustrate the continuous movement of water above and on the surface of Earth through the water cycle and explain the role of the Sun as a major source of energy in this process
Unit 5: Space	1/8 – 2/2	5.8C 5.8D 4.8C 3.8C 3.8D	<p>Students will:</p> <ul style="list-style-type: none"> Construct models that demonstrate the relationship of the Sun, Earth, and Moon and compare their physical characteristics Demonstrate that Earth rotates on its axis once approximately every 24 hours Collect and analyze data to identify sequences and predict patterns of change in shadows, seasons, and the observable appearance of the Moon over time
Unit 6: Earth’s Surface	2/5 – 3/8	5.7A 5.7B 5.9D 4.7B	<p>Students will:</p> <ul style="list-style-type: none"> Explore the process that led to the formation of sedimentary rock and fossil fuels Recognize how landforms are the result of changes to Earth’s surface by wind, water, or ice identify fossils as evidence of past living organisms and the nature of the environments at the time observe and identify slow changes to the Earth’s surface
Unit 7: Physical Science	3/18 – 3/22	Review	Students review previously taught TEKS by designing and testing solar ovens.
Unit 8: Organisms and Environments	3/25 – 4/5	Review	Students review previously taught TEKS by investigating owl pellets.
Unit 9: STAAR Review and Test	4/8 – 4/26		
Unit 10: Stepping Up to Sixth Grade	4/29 – 5/24	Review	Students use scientific practices during investigations. They analyze and interpret information.

Grade 5 Social Studies

Unit	Dates	TEKS	Unit Goals
Unit 1: United States Geography	8/14 – 9/22	5.6A, 5.6B, 5.6C, 5.6D, 5.7A, 5.7B, 5.7C, 5.8B, 5.12B, 5.16A, 5.16D	Students will: <ul style="list-style-type: none"> • explain geographic factors influence settlement patterns and economic activities. • understand and explain how our national identity is influenced by symbols, customs, and celebrations. • understand and create maps to tell a story. • explain how the past affects the present. • describe where and how people live influences them, the land, and their culture.
Unit 2: Exploration and Colonization	9/25 – 11/3	5.1A, 5.1B, 5.2A, 5.2B, 5.7A, 5.7B, 5.8A, 5.9A, 5.9B, 5.10A, 5.13A, 5.13B, 5.20A, 5.20B, 5.21B, 5.22A	Students will: <ul style="list-style-type: none"> • describe how diversity of viewpoints influences change. • describe how individuals make a difference. • detail how political, economic, and social differences can lead to conflict. • describe how geographic factors influence settlement patterns and culture. • identify where regions of industry develop and where human and natural resources are available. • describe how the arts are influenced by the time during which they were created.
Unit 3: American Revolution	11/6 – 12/22	5.2A, 5.2B, 5.2C, 5.3A, 5.14A, 5.14B, 5.14C, 5.15A, 5.15B, 5.15C, 5.16A, 5.17A, 5.17B, 5.18A, 5.19	Students will: <ul style="list-style-type: none"> • describe how diversity of viewpoints influences change. • describe how the government reflects the changing needs of the people. • explain how political, economic, and social differences can lead to conflict. • explain how the past affects the present.

			<ul style="list-style-type: none"> describe how a democratic society is based on individual rights, freedoms, and responsibilities. explain how conflict between the American colonies and Great Britain led to the American Revolution and how it affected the Americas
Unit 4: Expansion and Disunion	1/8 – 2/16	5.4A, 5.4B, 5.4C, 5.4D, 5.4E, 5.4F, 5.8A, 5.16B, 5.20B, 5.22A, 5.22B, 5.22C	<p>Students will:</p> <ul style="list-style-type: none"> explain why people moved West and where people live affects how they live. understand a diversity of viewpoints influences change. describe how political, economic, and social differences can lead to conflicts and change such as the Civil War, Reconstruction and the 13th, 14th, and 15th amendments. understand the government reflects the changing needs of the people.
Unit 5: Industrialization and Urbanization	2/19 – 4/5	5.4B, 5.4C, 5.4F, 5.5A, 5.5C, 5.6A, 5.7A, 5.8B, 5.10B, 5.10C, 5.11A, 5.11B, 5.12A, 5.12B, 5.12C, 5.12D, 5.16D, 5.21B, 5.22A, 5.22B, 5.22C	<p>Students will:</p> <ul style="list-style-type: none"> explain how location and managing financial resources effectively can influence how people live. describe how industry and the mechanization of agriculture and technological advancements improved American circumstances. explain the challenges, opportunities, and contributions of various immigrant groups, how they influenced the American way of life and the significance of the Statue of Liberty.
Unit 6: 20 th Century	4/8 – 5/24	5.5B, 5.5C, 5.18B, 5.20A, 5.21A, 5.21B, 5.22A, 5.22B, 5.22C	<p>Students will:</p> <ul style="list-style-type: none"> understand a democratic society is based on individual rights, freedoms, and responsibilities. explain the accomplishments and contributions of individuals and groups of the 20th and 21st centuries explain the challenges, opportunities, impact and contributions of various American Indian and immigrant groups describe how scientific discovery, technological innovation and rapid growth create change