

Texas Eighth Grade Scope & Sequence

Weeks 1–9: First Quarter

English Language Arts & Reading

- ☐ Week 1–2: Literary elements & fiction (plot, character, theme)
- ☐ Week 3: Analyzing point of view & narrative voice
- ☐ Week 4: Poetry structure and figurative language
- ☐ Week 5: Nonfiction analysis (main idea, supporting details)
- ☐ Week 6: Expository writing process
- ☐ Week 7: Vocabulary strategies and context clues
- ☐ Week 8: Grammar: sentence structure and punctuation
- ☐ Week 9: Assessment & review

Mathematics

- ☐ Week 1: Real number operations & order of operations
- ☐ Week 2: Rational numbers & scientific notation
- ☐ Week 3: Proportional relationships
- ☐ Week 4: Slope and rate of change
- ☐ Week 5: Graphing linear equations
- ☐ Week 6: Solving one-variable equations
- ☐ Week 7: Writing and solving inequalities
- ☐ Week 8: Systems of equations
- ☐ Week 9: Cumulative review



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Science

- ☐ Week 1: Science process skills and safety
- ☐ Week 2: Motion and speed
- ☐ Week 3: Forces and Newton's Laws
- ☐ Week 4: Work, power, and simple machines
- ☐ Week 5: Energy types and transformations
- ☐ Week 6: Law of conservation of energy
- ☐ Week 7: Waves and light behavior
- ☐ Week 8: Sound and electromagnetic spectrum
- ☐ Week 9: Quarter review

Social Studies

- ☐ Week 1: North American geography and colonization
- ☐ Week 2: Colonial America & 13 Colonies
- ☐ Week 3: Causes of the American Revolution
- ☐ Week 4: Declaration of Independence
- ☐ Week 5: Revolutionary War
- ☐ Week 6: Articles of Confederation & Constitution
- ☐ Week 7: Bill of Rights
- ☐ Week 8: Principles of U.S. government
- ☐ Week 9: Quarter review



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Weeks 10–18: Second Quarter

ELAR

- ☐ Week 10: Persuasive techniques in texts
- ☐ Week 11: Writing persuasive essays
- ☐ Week 12: Revising and editing strategies
- ☐ Week 13: Analyzing drama and dialogue
- ☐ Week 14: Author's purpose and bias
- ☐ Week 15: Research skills and citing sources
- ☐ Week 16: Using multiple sources in writing
- ☐ Week 17: Grammar: modifiers, clauses
- ☐ Week 18: Mid-year review

Mathematics

- ☐ Week 10: Graphing and writing equations in slope-intercept form
- ☐ Week 11: Parallel & perpendicular lines
- ☐ Week 12: Solving systems by substitution and elimination
- ☐ Week 13: Transformations: translations, reflections
- ☐ Week 14: Rotations and dilations
- ☐ Week 15: Congruence and similarity
- ☐ Week 16: Angle relationships
- ☐ Week 17: Triangle relationships and Pythagorean Theorem
- ☐ Week 18: Mid-year review



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Science

- ☐ Week 10: Atoms, elements, and periodic table
- ☐ Week 11: Chemical properties and changes
- ☐ Week 12: Chemical formulas and reactions
- ☐ Week 13: Compounds and mixtures
- ☐ Week 14: Properties of matter
- ☐ Week 15: Force, mass, and acceleration
- ☐ Week 16: Gravity and friction
- ☐ Week 17: Review and hands-on experiments
- ☐ Week 18: Mid-year review

Social Studies

- ☐ Week 10: Federalist vs. Anti-Federalist views
- ☐ Week 11: Washington's presidency
- ☐ Week 12: Adams, Jefferson, and the Marshall Court
- ☐ Week 13: War of 1812
- ☐ Week 14: Monroe Doctrine and Era of Good Feelings
- ☐ Week 15: Jacksonian Democracy
- ☐ Week 16: Westward Expansion & Manifest Destiny
- ☐ Week 17: Indian Removal and Trail of Tears
- ☐ Week 18: Mid-year review



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Weeks 19–27: Third Quarter

ELAR

- ☐ Week 19: Argument analysis in media and ads
- ☐ Week 20: Compare/contrast texts
- ☐ Week 21: Writing narrative essays
- ☐ Week 22: Dialogue and pacing in writing
- ☐ Week 23: Reading across genres
- ☐ Week 24: Connotation and denotation
- ☐ Week 25: Grammar: verbals, active/passive voice
- ☐ Week 26: Peer review and editing
- ☐ Week 27: Quarter review

Mathematics

- ☐ Week 19: Volume and surface area of 3D shapes
- ☐ Week 20: Geometry: Pythagorean Theorem
- ☐ Week 21: Distance on a coordinate plane
- ☐ Week 22: Scatter plots and trend lines
- ☐ Week 23: Introduction to functions
- ☐ Week 24: Function tables and graphs
- ☐ Week 25: Function notation
- ☐ Week 26: Nonlinear vs linear relationships
- ☐ Week 27: Quarter review

Science

- ☐ Week 19: Earth's layers and plate tectonics
- ☐ Week 20: Weathering, erosion, and deposition
- ☐ Week 21: Ocean currents and weather patterns
- ☐ Week 22: Weather maps and forecasting
- ☐ Week 23: Lunar phases, tides, and seasons
- ☐ Week 24: Earth's rotation and revolution



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- ☐ Week 25: Space exploration and technology
- ☐ Week 26: Star life cycle and galaxies
- ☐ Week 27: Quarter review

Social Studies

- ☐ Week 19: Texas Independence & Mexican-American War
- ☐ Week 20: Industrial Revolution and inventions
- ☐ Week 21: Reform movements (abolition, temperance, education)
- ☐ Week 22: Women's rights movement
- ☐ Week 23: Slavery in the U.S.
- ☐ Week 24: Sectionalism and states' rights
- ☐ Week 25: Election of 1860 and secession
- ☐ Week 26: Civil War overview
- ☐ Week 27: Quarter review



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Weeks 28–36: Fourth Quarter

ELAR

- ☐ Week 28: Test-taking strategies for reading/writing
- ☐ Week 29: Analyzing paired texts
- ☐ Week 30: Review: genres and elements
- ☐ Week 31: Independent research project
- ☐ Week 32: Research presentations
- ☐ Week 33: Poetry writing
- ☐ Week 34: Reflective writing
- ☐ Week 35: Final grammar review
- ☐ Week 36: End-of-year assessment & celebration

Mathematics

- ☐ Week 28: Review of functions and linear relationships
- ☐ Week 29: Review of transformations and geometry
- ☐ Week 30: Review of equations and inequalities
- ☐ Week 31: Data analysis and probability
- ☐ Week 32: Final project or test review
- ☐ Week 33: Math games and enrichment
- ☐ Week 34: Practice STAAR-type problems
- ☐ Week 35: Diagnostic & summative assessments
- ☐ Week 36: End-of-year wrap-up

Science

- ☐ Week 28: Genetics and inherited traits
- ☐ Week 29: Natural selection and adaptations
- ☐ Week 30: Theory of evolution
- ☐ Week 31: Ecosystems and biotic/abiotic factors
- ☐ Week 32: Energy flow in ecosystems
- ☐ Week 33: Biodiversity and environmental change



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- ☐ Week 34: Human impact and conservation
- ☐ Week 35: Final project or assessment
- ☐ Week 36: End-of-year celebration & science games

Social Studies

- ☐ Week 28: Civil War events and leaders
- ☐ Week 29: Emancipation Proclamation and Gettysburg
- ☐ Week 30: End of the Civil War
- ☐ Week 31: Reconstruction Era
- ☐ Week 32: Amendments 13, 14, 15
- ☐ Week 33: Social & political effects of Reconstruction
- ☐ Week 34: Review of key historical themes
- ☐ Week 35: Final projects/presentations
- ☐ Week 36: End-of-year review & wrap-up

