Texas Eighth Grade Guidelines Checklist

English Language Arts and Reading (ELAR)

- ❑ Vocabulary development and context clues
- ❑ Analyzing theme, genre, and author's purpose
- ❑ Making inferences and drawing conclusions
- ❑ Analyzing literary elements (plot, character, setting)
- ❑ Analyzing nonfiction and informational texts
- ❑ Summarizing and paraphrasing
- ❑ Understanding and using text structures (compare/contrast, cause/effect)
- ❑ Writing multi-paragraph essays (narrative, expository, persuasive)
- ❑ Revising and editing drafts
- ❑ Research skills and using sources
- ❑ Speaking and listening skills (discussion, presentations)
- ❑ Grammar, punctuation, and conventions

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Mathematics

- ❑ Number operations with rational numbers
- ❑ Proportional relationships and functions
- ❑ Linear equations and inequalities
- ❑ Slope, y-intercept, and graphing lines
- ❑ Systems of linear equations
- ❑ Transformations (translations, rotations, reflections, dilations)
- ❑ Geometry: angles, triangles, volume, and surface area
- ❑ Pythagorean Theorem
- ❑ Data analysis and statistics
- ❑ Probability and predictions
- ❑ Problem-solving strategies

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Social Studies – U.S. History through 1877

- ❑ Exploration and colonization
- ❑ American Revolution and Founding Documents
- ❑ U.S. Constitution and Bill of Rights
- ❑ Early Republic (Washington to Monroe Doctrine)
- ❑ Jacksonian Era
- ❑ Westward Expansion
- ❑ Civil War causes, events, and leaders
- ❑ Reconstruction
- ❑ Civics: principles of government and citizenship
- ❑ Geography: interpreting maps and spatial data
- ❑ Economics: free enterprise, supply & demand
- ❑ Historical document analysis

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Science

- ❑ Scientific method and experimental design
- ❑ Force, motion, and Newton's laws
- ❑ Earth and space: seasons, moon phases, tides
- ❑ Plate tectonics and Earth structure
- ❑ Weather, climate, and ocean systems
- ❑ Atoms, elements, and periodic table
- ❑ Chemical formulas and reactions
- ❑ Energy transformations and conservation
- ❑ Ecosystems and environmental impacts
- ❑ Adaptations, genetics, and natural selection

Technology Applications

- ❑ Keyboarding and word processing
- ❑ Basic coding or algorithmic thinking
- ❑ Internet research and digital literacy
- ❑ Multimedia presentations
- ❑ Online safety and digital citizenship

Fine Arts (Art, Music, Theater)

- ❑ Elements and principles of art/music/drama
- ❑ Creative expression and performance
- ❑ Cultural and historical contributions
- ❑ Artistic critique and evaluation