



LBJ Student

Learner Profile



Fifth Grade

ELAR

Math

- **Multiplication and Division:** 3-digit by 2-digit and dividing 4-digit dividends by 2-digit divisors.
- **Decimals:** up to the thousandths place, including comparing, ordering, rounding
- **Fractions:** Add and subtract fractions with unlike denominators and mixed numbers, multiply and divide with fractions and whole numbers.
- **Order of Operations:** Solve numerical expressions using parentheses, brackets, and braces (without exponents).
- **Patterns:** ordered pairs on a coordinate plane.
- **Volume:** Solve for $V=l \times w \times h$ and $V=B \times h$.
- **Coordinate Plane:** Plot points on a coordinate plane
- **Classifying Figures:** Classify 2-D figures based on their attributes
- **Data Analysis:** Interpret data from different graphs/charts
- **Financial Literacy:** Differentiate between gross and net income and understand basic budgeting concepts.

Science

- **Design and conduct** simple investigations, including identifying variables and using appropriate tools
- **Data and Analysis:** Collect, record, and analyze data to form reasonable explanations and conclusions.
- **Safety:** Demonstrate safe practices and use safety equipment
- **Properties of Matter:** Classify matter based on physical properties such as mass, magnetism, solubility, and the ability to conduct heat or electricity.
- **States of Matter:** Describe and classify matter as a solid, liquid, or gas,
- **Mixtures and Solutions:** Distinguish between mixtures and solutions and demonstrate methods for separating them.
- **Forms of Energy:** Identify and describe different forms of energy
- **Forces:** Investigate and explain how unbalanced forces (pushes and pulls) affect an object's motion.
- **Earth's Surface:** Understand how both slow (weathering, erosion) and rapid changes (volcanic eruptions, earthquakes) affect Earth's surface.
- **Space Science:** Model the relationships and movements of the sun, Earth, and moon to explain day/night, seasons, and lunar phases.
- **Ecosystems:** Trace the flow of energy through a food chain and food web, and describe the roles of producers, consumers, and decomposers.
- **Adaptations:** Analyze how structural and behavioral adaptations help organisms survive in their specific environments.
- **Fossils:** Recognize how fossils provide evidence of past organisms and environments.

- **Comprehension:** Analyze and summarize a variety of texts.
- **Make inferences** and identify the main idea and supporting details.
- **Literary Elements:** Identify and analyze literary elements in different genres, such as plot, theme, and character development.
- **Vocabulary:** Determine the meaning of unknown words using context clues and knowledge of root words.
- **Composition:** Write clear, detailed compositions in various forms, including narratives and informative reports.
- **Editing:** Revise and edit writing for clarity, organization, and correct grammar, spelling, and punctuation.
- **Research:** Conduct research, summarize information from sources, and avoid plagiarism.
- **Comprehension:** Listen critically to information and follow detailed spoken instructions.
- **Presentation Skills:** Present information clearly and logically, using appropriate eye contact and volume.
- **Collaboration:** Participate effectively in group discussions, respecting different viewpoints.

Social Studies

- **Founding of the U.S.:** Understand the reasons for European exploration and colonization. Learn about the American Revolution, key figures, and founding documents like the Declaration of Independence and the U.S. Constitution.
- **19th Century America:** Know major events like the Louisiana Purchase, westward expansion, and the causes and effects of the Civil War.
- **Modern America:** Study significant historical movements and events, including industrialization, the world wars, and the Civil Rights Movement.
- **Mapping:** Use and interpret mapping elements such as legends, scales, and grid systems.
- **Human-Environment Interaction:** Analyze how people adapt to and change their environment, and how geography influences population and settlement patterns.
- **U.S. Government:** Explain the purposes of the Declaration of Independence and the U.S. Constitution. Know the functions of the three branches of government.
- **Civic Engagement:** Understand the importance of civic participation and voting.
- **Free Enterprise:** Identify the characteristics and benefits of the U.S. free enterprise system.