

## 4<sup>th</sup> Grade Learning Standards

### **Language Arts**

The Language Arts program develops students into effective communicators through a variety of reading, writing, listening, and speaking activities. Students will continue to build vocabulary and comprehension skills using interpretive logic, drawing conclusions, and identifying literary genres. Students will explore narrative, expository, functional, persuasive, and research writing using pre-writing activities and 6-traits of writing. Students will continue to develop reading fluency and accuracy at grade level. Comprehension strategies and elements of literature will be explored through narrative, informational, historical, and cultural texts.

### **Mathematics**

Students will obtain mastery of basic facts and an automatic fluency with fundamental operations necessary for higher-order thinking and problem-solving skills. Students will become proficient basic math calculations and operations, probability, data analysis, algebraic representations, and geometric properties. Students will begin to apply logic and reasoning to problem-solve and evaluate mathematical situations.

### **History**

Fourth grade History emphasizes the history of Arizona and the Southwest from its earliest civilizations to modern times. Early civilizations in Central and South America and their encounters with Europeans, as well as events in the Middle Ages which spurred exploration of the New World, are also studied to provide the historical foundation for the exploration and settlement of the Southwest. Topics from American History, World History, Government, Geography, and Economics will be explored.

### **Science**

Students are naturally curious about the world and nature. To sustain this curiosity students will be actively engaged in learning to view the world scientifically through hands-on experience and observation. Students will be encouraged to ask questions about nature and seek the answers, collect, count, and measure things, make observations, organize collections, and discuss findings. Students will explore topics from Life Science, Physical Science, and Earth and Space Science and build upon science skills acquired in the third grade.