

**Keller ISD**  
**Portrait of a First Grade Student**  
CLASS OF 2018



## **Math**

*The primary focus for first grade is to understand and apply place value to addition and subtraction situations involving critical thinking and problem solving. Students extend their use of addition and subtraction beyond the actions of joining and separating to include comparing and combining. Students will also use meanings of numbers to create strategies for solving problems and respond to practical situations in their everyday life. By comparing a variety of solution strategies, students develop efficient, accurate, and flexible methods to perform operations.*

***By the end of first grade, I can...***

- Use objects, pictures, expanded and standard form to represent numbers up to 120
- Represent the comparison of two numbers up to 100 using the symbols  $<$ ,  $>$ ,  $=$
- Represent, solve, and explain addition (joining) and subtraction (separating) word problems up to 20 using concrete models, pictorial models and number sentences
- Use relationships to count by twos, fives, and tens to determine the value of coins
- Recite numbers forward and backward from any given number up to 120
- Apply properties of operations to add and subtract two or three numbers
- Identify, create, and sort regular and irregular two-dimensional shapes: circle, triangle, rectangle, square, rhombus, and hexagon using formal geometric language
- Identify three-dimensional solids: sphere, cone, cylinder, rectangular prism, cube, and triangular prism
- Identify examples and non-examples of halves and fourths
- Use measuring tools (non-standard units) to measure and compare length to the nearest whole unit
- Tell time to the hour and half hour using analog and digital clocks
- Use data collected to create and draw conclusions using information from picture and bar-type graphs
- Define money as earned income and identify income as a means of obtaining goods and services
- Distinguish between wants, needs, and charitable giving