



## **First Grade Math Expectations**

This list is to be used as a general framework. Each school or school district may have their own set of guidelines.

### **Fall**

- Can orally count forwards correctly to 20
- Can identify which set has more with objects up to 10
- Is comfortable with teen numbers
- Can add and subtract numbers within 5 using concrete objects
- Knows the concept of 1 more and 1 less within 10
- Can write numbers to 20
- Can represent mathematical ideas with pictures or objects
- Demonstrates an understanding of the concepts of “more than,” “less than,” and “equal”
- Can compare, order and describe objects identifying at least 2 attributes (e.g. sort blocks by color and shape)
- With assistance, can create a pattern using objects (e.g. blue cube, red cube, green cube, blue cube, red cube, etc.)
- With assistance, can understand vocabulary describing the location and ordinal position (e.g. the red block is on top, who is last in line, etc.)

### **Spring**

- Can accurately count numbers to 100
- Can count by 10s and understands the meaning of 10 more and 10 less
- Can orally count to 120 starting from any number
- Can write the numbers from 1-100
- Know the partners to 10
- Can add and subtract numbers within 20 using objects, fingers, mental images or drawings to solve word problems
- Understands the meaning of the equals sign
- Can work with numbers 11-19 to gain foundation for place value (e.g.  $12 = 10 + 2$ )
- More comfortable solve one-step word problems involving situations of adding to or taking from
- Can classify objects and count the number of objects in each category
- Can identify and describe shapes (squares, circles, triangles, hexagons, cubes, cones, cylinders and spheres)
- With support, can represent and interpret data