

# Math Expectations for 1<sup>st</sup> Grade

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In 1<sup>st</sup> grade, your child will build on last year's work and gain important new skills. One of the most important outcomes for the year is to improve speed and accuracy adding with a sum of 20 or less and subtracting from a number 20 or less (e.g.,  $17 - 8$ ). Another important goal in 1<sup>st</sup> grade is adding with a sum of 100 or less; this will rely on understanding what the digits mean in a number such as 63 (namely, 63 is six tens and three ones). Working with multi-digit addition this year will set the stage for 2<sup>nd</sup> grade, when your child will be working with three-digit numbers and adding and subtracting with larger numbers.

## **Operations and Algebraic Thinking**

By the end of first grade your student should be able to:

- ✓ Solve word problems with numbers 0 – 20
- ✓ Add three numbers to solve a word problem
- ✓ Tell how addition and subtraction are related
- ✓ Add to solve subtraction problems
- ✓ Count on and count back
- ✓ Add and subtract numbers 0 – 10
- ✓ Quickly add and subtract numbers 0 – 5
- ✓ Find the missing number in a number sentence

## **Number and Operations in Base Ten**

By the end of first grade your student should be able to:

- ✓ Read and write and show numbers up to 120
- ✓ Tell about 10's and 1's
- ✓ Compare two-digit numbers
- ✓ Add within 100
- ✓ Add or subtract 10 to numbers less than 100 in my head
- ✓ Subtract by ten using place value blocks and write the number sentence

## **Measurement and Data**

By the end of first grade your student should be able to:

- ✓ Put three things in order by their length
- ✓ Measure the length of an object
- ✓ Tell time to the hour and half hour
- ✓ Tell about data in a graph or chart

**Measurement and Data Continued...**

- ✓ Skip count by 2's, 5's & 10's
- ✓ Add pennies, nickels & dimes
- ✓ Read and understand a calendar

**Geometry**

By the end of first grade your student should be able to:

- ✓ Tell about shapes
- ✓ Tell what shapes make other shapes
- ✓ Take a shape and make it have two or four equal parts