

Bright Start Elementary Math
Kindergarten
Developing Basic Math Skills

All students will develop concepts in patterning, geometry, measurement, graphing, number sense, and problem solving. A variety of real-life and hands-on experiences are provided to create a meaningful learning environment.

The Kindergarten curriculum includes:

- Recognizing, extending, and creating patterns.
- Using common measurement tools to compare length, weight, and capacity.
- Working with basic 3-dimensional shapes.
- Skip counting by 2's & 5's to 30, and 10's & 1's to 100.
- Understanding how many 10's are in a number up to 30.
- Sorting objects using various methods.
- Counting sets of objects to 30.
- Identifying numerals to 30.
- Writing numbers to 30.
- Ordering numerals to 30 forward and backward.
- Demonstrating basic addition and subtraction problems with a sum of 10 or less.
- Understanding times of day- morning, afternoon, evening, and night.
- Understanding yesterday, tomorrow, and next year.

First Grade

Developing and Using Math Skills

All students will develop concepts in patterning, geometry, measurement, graphing, number sense, and problem solving. A variety of real-life and hands-on experiences are provided to create a meaningful learning environment.

The first Grade curriculum includes:

- Identifying, extending, creating and comparing patterns.
- Using standard and non-standard measurement tools to measure and compare height, weight and capacity.
- Telling time to the hour and half hour.
- Identifying, describing and making basic 2-dimensional and 3-dimensional shapes.
- Giving the name and value of coins and bills, and their equivalencies.
- Counting money.
- Working with ordinal numbers (1st, 2nd, etc.) and positional words (above, below, etc.)
- Using and understanding a number line.
- Creating and interpreting picture graphs.
- Skip counting by 2's, 5's, 10's and 100's.
- Using place value to compare, add and subtract numbers.
- Solving addition and subtraction problems to 20.
- Solving real-world problems including money and time.
- Adding three one-digit numbers.
- Counting backwards from any number up to 100.
- Using fact families to solve open sentences.
- Mentally calculating basic 2-digit sums and differences without regrouping.

Second Grade

Developing and Using Math Skills

All students will develop concepts in patterning, geometry, measurement, graphing, number sense and problem solving. A variety of real-life and hands-on experiences are provided to create a meaningful learning environment.

The Second grade curriculum includes:

- Measuring length using standard and metric measurement tools.
- Telling time to one minute intervals.
- Computing perimeter of triangles and rectangles.
- Classifying geometric shapes.
- Creating and interpreting picture graphs with symbols equaling more than one.
- Counting, reading, writing, ordering and comparing numbers to 1,000.
- Skip counting by 2's, 3's, 4's, 5's and 10's.
- Working with place value to 1,000.
- Recognizing, naming, writing and representing simple fraction units (halves, thirds, fourths).
- Finding missing values in open sentences.
- Solving addition and subtraction problems up to 2 digits with regrouping.
- Estimating and calculating 3 -digit sums
- Mentally calculating 3-digit sums and differences without regrouping
- Solving real-world problems, including money and time.