

What Second Graders are Learning in Math

(Based on the *Grade Expectations for Vermont Framework of Standards and Learning Opportunities* and the *Bridges in Mathematics Curriculum*)

NUMBER AND NUMERATION:

We are learning to:

- Count forward by 1s, 2s, 5s, and 10s
- Count up to 1,000
- Read 2 and 3 digit numbers
- Order whole numbers in the 100s up to 999
- Recognize numbers as odd or even
- Use mental math to solve addition and subtraction problems
- Solve 2 digit addition and subtraction problems with borrowing and carrying
- Write numbers in expanded notation (ex: $100+40+3=143$)

OPERATION AND COMPUTATION:

We are learning to:

- Add and subtract facts to 20; write fact families
- Begin using multiplication for 1s, 2s, 3s, 5s, and 10s
- Solve word problems
- Make estimates
- Write number sentences
- Use the $<$, $>$, and $=$ symbols
- Use coins and bills to create a given amount
- Write simple fractions; represent fractions as equal parts of a region or collection

DATA AND GRAPHS:

We are learning to:

- Write and count tally marks
- Use data to make a graph
- Read and collect data from a graph
- Find the average

MEASUREMENT AND REFERENCE FRAMES:

We are learning to:

- Write and tell time to 5 minutes on an analog clock
- Measure to the nearest inch and centimeter

GEOMETRY:

We are learning to:

- Identify 2 and 3 dimensional figures
- Identify objects that have a line of symmetry
- Count squares to find area and perimeter

PATTERNS, FUNCTIONS AND ALGEBRA:

We are learning to:

- Identify and extend moderately elaborate patterns
- Sort a collection of objects in 7 or more ways