

RINGWOOD PUBLIC SCHOOLS

WHAT EVERY STUDENT SHOULD KNOW BY THE END OF FIRST GRADE – MATH

Number Sense, Numeration

- Demonstrate an understanding of whole number place value concepts (up to 99).
- Compare and order whole numbers (to 100).
- Count and write numbers to 100.
- Use addition to solve problems involving whole numbers 1 – 10.
- Using manipulative objects (pennies, buttons, etc.) subtract to solve problems involving whole numbers 1 – 10.
- Mentally solve addition facts 1 – 10.
- Use problem solving strategies in addition and subtraction.

Spatial Sense, Measurement, and Geometry

- Name, describe, draw, and compare plane figures (circle, square, rectangle, triangle).
- Directly compare and order objects according to measurable attributes (length, weight, time, temperature).
- Tell time (hours and half-hours).
- Identify the day of the week.
- Identify coins up to a quarter.

Patterns, Relationships, Functions

- Sort objects by size and shape attributes.
- Analyze, describe, and extend shape patterns.
- Analyze, describe, and extend number patterns.

Data, Probability, and Statistics

- Locate numbers on a number line.
- Interpret picture graphs, bar graphs, and tally charts.