

# *Ray's for Today Scope & Sequence:*

## *Level 2 - Ages 7 and 8*

### **Number Concepts**

- Counting to 1000
- Recognizing number words to 1000
- Writing numbers to 1000
- Ordering numbers through 1000
- Ordinals through thousandth
- Zero in counting and numerals
- Skip-counting
- Place Value – ones, tens, hundreds
- Relating place value to a numeral
- Calculating place values to hundreds
- Zero as a place holder
- Regrouping when adding

### **Arithmetic Operations**

- Review of addition and subtraction facts
- Review of addition and subtraction story problems
- Mixed practice addition and subtraction
- Multiplication as repeated addition
- Multiplication Chart
- Multiplication fact families (1-10)
- Multiplication number bonds
- Multiplication story problems
- Multiplying by zero
- Multiplication sign and review of equals sign
- Division as repeated subtraction
- Division as inverse of multiplication
- Division fact families (1-10)
- Division number bonds
- Division story problems
- Division and zero
- Division sign and review of equals sign
- Arithmetic operations as tools
- Mixed practice all four operations
- Multi-step operations

### **Money**

- Review of coins and counting money
- Recognizing paper money – one dollar, five dollar, ten dollar bills
- Prices expressed as dollars and cents

- Recognizing and using signs for dollars and cents
- Money story problems

### **Time**

- Review telling time to hour, half-hour, five-minutes, minutes
- Review of writing time
- Duration and elapsed time

### **Fractions**

- Parts of a whole
- Identifying fractional parts of a figure
- Writing fractions
- Identifying fractions – halves, thirds, fourths, sixths, eighths, tenths
- A whole expressed as a fraction

### **Measurement**

- Review of inches, feet, yards, and equivalencies
- Length, width, height
- Units of measurement
- Temperature and using a thermometer
- Comparing temperatures on Fahrenheit thermometer
- Measuring weight – ounce and pounds, equivalencies
- Measuring capacity – cups, pints, quarts, gallons, and equivalencies

### **Geometric Constructions**

- Identifying and describing flat shapes – circle, square, rectangle, triangle
- Symmetry
- Perimeter
- Area

### **Graphing**

- Circle graph
- Usefulness of scaled drawings
- Using graph paper

### **Problem-Solving**

- Using models and visual representations
- Breaking a problem down into steps
- Two-part problems
- Analyzing a story problem