Mathematics RIT Score: 161-170

Number Sense and Operations

Whole Numbers
· Separate sets through manipulative and pictorial subtraction problems

· Add a 2-digit number and a 2-digit number with no regrouping

· Subtract a 1-digit number from a 2-digit number with no regrouping

· Subtract a 2-digit number from a 2-digit number with no regrouping

· Solve simple addition word problems

· Subtract 2-and 3-digit numbers with no regrouping

Decimals
· Subtract whole numbers and decimals to the hundredths place (same number of digits)

New Vocabulary in this range:
none

New Signs and Symbols:
$, decimal point

Whole Numbers
· Identify missing numbers in a series through 100

· Identify the number that is "one more than", "one less than", "10 more than", and "10 less than" a given number

· Count objects that are grouped into tens and ones

Fractions
· Identify one-half of an object from a picture

Place Value
· Identify and understand the place value and value of each digit in numbers through the hundreds

Ordering, Equalities and Inequalities
· Order numbers 0-100

New Vocabulary in this Range:
ones, tens, hundreds, thousands, numeral, ordinal numbers through eleventh, counting

New Signs and Symbols:
none

Patterns, Functions, and Algebra

Solving Equations, Simplifying Expressions, Order of Operations
· Solve for missing numbers in an addition or subtraction sentence

· Determine what operation is needed to solve a word problem (any operation)

New Vocabulary in this Range:
none

New Signs and Symbols:
( ) used in equations

Measurement

Time, Temperature
· Order periods of time (days of the week, months of the year, etc.)
· Tell and write time to the hour and half hour using analog and digital clocks
· Identify and interpret a calendar
· Read a Fahrenheit and Celsius thermometer to the nearest degree

Money
· Identify value of a penny, nickel, dime, and quarter

New Vocabulary in this Range:
how long, names of days of week, next, names of months, pennies, centimeter, inches

New Signs and Symbols:
degree symbol, : for time – 1:00, face of quarter, dime, penny, and nickel

Geometry and Spatial Sense

Shapes and Figures, 2- and 3-dimensional
· Identify and name solid figures: can (cylinder) and cone
· Relate and compare plane figures to solid figures
· Identify sides and corners (vertices) on solid figures
· Contrast open and closed figures
· Identify cylinder (can) attributes

Congruency and Similarity
· Identify congruent figures

New Vocabulary in this Range:
matches, triangle, square, corners, cone, closed, inside

New Signs and Symbols:
none

Data Analysis, Statistics, and Probability

Probability and Prediction
· Determine an outcome and make a prediction (single event)

Graphing
· Understand the concept of addition using concrete objects
· Represent and compare data (e.g. largest, smallest, most often, least often) by using picture graphs, pictures, or simple bar graphs

New Vocabulary in this Range:
probability

New Signs and Symbols:
none

Problem Solving
· Solve simple addition word problems
 how many, not, in all, altogether
 none