RightStart D

Class Description: The philosophy behind RightStart Math is that 95% of what students learn in math should be understood, and only 5% memorized. Visualization tools, games, the abacus, and other strategies and methods are utilized in order for the student to really understand the math. In RightStart Level D, multiplication, simple division, and fractions are the primary focus. The student works with numbers to one million and works with linear and square units in both the U.S. Customary and the metric systems. Using a drawing board and tools, the student explores symmetry, angles, and various geometric shapes.

Learning Materials:

Main Curriculum:
RightStart™ Mathematics Level D Lessons
RightStart™ Mathematics Level D Worksheets
RightStart™ Mathematics Transition Lessons
RightStart™ Mathematics Transition Worksheets

Supplemental:
Thousand Cubes
4-Inch Geared Mini-Clock
Abacus Tiles
AL Abacus Standard
Cards for Math Games
Centimeter Cubes
Folding Meter Stick
Fraction Charts
Math Card Games, 5th edition
Place Value Cards
Right Start Colored Tiles (Set of 200)
Right Start Drawing Set

Learning Goals/Performance Objectives: 3.1.C Fluently and accurately add and subtract whole numbers using the standard regrouping algorithms.
3.2.A Represent multiplication as repeated addition, arrays, counting by multiples, and equal jumps on the number line, and connect each representation to the related equation.
3.2.H Solve single- and multi-step word problems involving multiplication and division and verify the solutions.
3.3.A Represent fractions that have denominators of 2, 3, 4, 5, 6, 8, 9, 10, and 12 as parts of a whole, parts of a set, and points on the number line.
3.4.D Measure and calculate perimeters of quadrilaterals.
3.5.C Estimate, measure, and compare weight and mass using appropriate-sized U.S. customary and metric units.
3.6.C Identify missing information that is needed to solve a problem.

Learning Activities: The student will work on approximately one lesson every 1-2 days. Using a drawing board and tools, students explore symmetry, angles, and various geometric shapes. Assessments are built into the curriculum.

RightStart Math Level D Table of Contents

Lesson 36 Review and Practice (First quarter test can be given)
Lesson 37 Adding Hours
Lesson 38 Subtracting Hours and Minutes
Lesson 39 Trading Between Inches and Feet
Lesson 40 Reviewing Place Value Names
Lesson 41 Place Value Problems
Lesson 42 Review and Practice
Lesson 43 Subtracting by Compensating
Lesson 44 Multidigit Subtraction
Lesson 45 Checking Subtraction by Adding
Lesson 46 Subtracting With "Doubles" and Zeroes
Lesson 47 Using Check Numbers
Lesson 48 Review and Practice
Lesson 49 Finding Check Numbers
Lesson 50 Check Numbers and Multiples of Three
Lesson 51 The "Almost" Subtraction Strategy
Lesson 52 Terry's Subtraction Strategy
Lesson 53 Working With Twos
Lesson 54 Review and Practice
Lesson 55 Working With Fives
Lesson 56 Telling Time to the Minute
Lesson 57 Telling Time Practice
Lesson 58 Multiplying With Money
Lesson 59 Multiplying With 1s and 0s
Lesson 60 Review and Practice
Lesson 61 Multiplication Problems
Lesson 62 The Multiplication Table
Lesson 63 Working With Threes
Lesson 64 (1 or 2 days) Representing Thousands
Lesson 65 Reviewing Place Value
Lesson 66 Review and Practice
Lesson 67 Working With Fours
Lesson 68 Representing Thousands
Lesson 69 Reading and Writing Large Numbers
Lesson 70 (1 or 2 days) Working With Large Numbers
Lesson 71 Working With Nines
Lesson 72 Review and Practice
Lesson 73 Multiplying and Adding
Lesson 74 Multiplying by a One-Digit Number
Lesson 75 Introducing Area

Lesson 116 The Ruler Chart
Lesson 117 Fractions Problems
Lesson 118 The Division “House”
Lesson 119 Division Remainders in Context
Lesson 120 Review and Practice
Lesson 121 Graphing Growth
Lesson 122 Reading a Graph on Population
Lesson 123 Reading a Graph on Area
Lesson 124 Drawing Rectangles on a Drawing Board
Lesson 125 Drawing Diagonals
Lesson 126 Review and Practice
Lesson 127 Drawing Octagons
Lesson 128 Drawing Hexagons
Lesson 129 Drawing Congruent Copies
Lesson 130 Drawing New Fractions
Lesson 131 Drawing Symmetrical Figures
Lesson 132 Review and Practice
Lesson 133 Regular Polygons From Paper
Lesson 134 Tenths of a Centimeter
Lesson 135 Building a Box
Lesson 136 Congruent Shapes
Lesson 137 Combining Five Squares
Lesson 138 Building More Boxes
Lesson 139 Building a 4 × 3 × 1 Box in Inches
Lesson 140 Building a 3 × 2 × 2 Box in Inches
Lesson 141 Scaling
Lesson 142 Review and Practice
Test

Progress Criteria/Methods of Evaluation: For successful completion of this course, the student will complete at least 70% of the lessons/goals, at a minimum of 70% accuracy.

September Lessons 1-16
October Lessons 17-32
November Lessons 33-48
December Lessons 49-63
January Lessons 64-79
February Lessons 80-95
March Lessons 96-111
April Lessons 112-126

May Lessons 127-142
June Review