

RightStart C

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 C, the student reviews addition math strategies through making an addition table. The student learns 4-digit subtraction, the subtraction facts with 10s-based strategies, skip counting, and basic multiplication. The student also works with a small drawing board, T-square, and triangles to make equilateral triangles, stars, and tangram designs.

Learning Materials:

Main Curriculum:

RightStart™ Mathematics Level C Lessons

RightStart™ Mathematics Level C Worksheets

RightStart™ Mathematics Transition Lessons

RightStart™ Mathematics Transition Worksheets

Supplemental:

Tangrams 7-piece set (Two sets of 7-pieces)

4-Inch Geared Mini-Clock

Abacus Tiles

AL Abacus Standard

Base Ten Picture Cards

Cards for Math Games

Centimeter Cubes

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: 2.2.A Quickly recall basic addition facts and related subtraction facts for sums through 20.

2.2.B Solve addition and subtraction word problems that involve joining, separating, and comparing and verify the solution.

2.2.D Add and subtract two-digit numbers mentally and explain the strategies used.

2.2.H Name each standard U.S. coin, write its value using the \$ sign and the ¢ sign, and name combinations of other coins with the same total value.

2.3.A Identify objects that represent or approximate standard units and use them to measure length.

2.3.E Use both analog and digital clocks to tell time to the minute.

Learning Activities: The student will work on approximately one lesson every 1-2 days, using the manipulatives, abacus, tally sticks, and so forth. Assessments are built into the curriculum.

RightStart Level C Table of Contents

Lesson 1 Venn Diagram & Go to the Dump

Lesson 2 The Addition Table

Lesson 3 Reviewing Adding Sums Less Than 10

Lesson 4 Reviewing Tens

Lesson 5 Adding 9 to a Number

Lesson 6 Practice Sheets

Lesson 7 Adding 8 to a Number

Lesson 8 Temperature and the Two-Fives Strategy

Lesson 9 Doubles and Near Doubles

Lesson 10 Evens and Odds

Lesson 11 Reviewing the Tens and Hundreds

Lesson 12 Review and Practice

Lesson 13 Early Roman Numerals from 1 to 49

Lesson 14 Early Roman Numerals from 1 to 499

Lesson 15 Early Roman Numerals from 1 to 4999

Lesson 16 Late Roman Numerals

Lesson 17 Finding Sums to Make 15

Lesson 18 Review and Practice

Lesson 19 Mentally Adding 2-Digit Numbers

Lesson 20 Stripes and Stars on a U.S. Flag

Lesson 21 Mental Addition Shortcuts

Lesson 22 Chinese Checkerboard Problem

Lesson 23 Mentally Adding 2-Digit Numbers

Lesson 24 Review and Practice

Lesson 25 Introduction to Multiplication

Lesson 26 Problems Using Multiplication

Lesson 27 Hours and Minutes on a Clock

Lesson 28 Time to Five Minutes

Lesson 29 Time to the Minute

Lesson 30 Review and Practice

Lesson 31(2 days) Adding 4-Digit Numbers With Symbols

Lesson 32 Adding 4-Digit Numbers on the Abacus

Lesson 33 Adding 4-Digit Numbers on Paper

Lesson 34 Calculator Skip Counting & Chain Games

Lesson 35 Review and Practice

Lesson 36 Subtraction as Missing Addends

Lesson 37 Subtracting Tens and Fives
Lesson 38 (2 days) Subtracting Tens and Fives in the Hundreds
Lesson 39 Subtracting by Going up
Lesson 40 Subtracting by Going Down
Lesson 41 Review and Practice
Lesson 42 Quarters and Values of Coins
Lesson 43 Counting Money
Lesson 44 Making Change
Lesson 45 Dollars and Cents
Lesson 46 Adding Money With a Calculator
Lesson 47 Review and Practice (9-week test can be given)
Lesson 48 Quarter After & The Subtraction Table
Lesson 49 Subtracting Consecutive Numbers
Lesson 50 Difference Game
Lesson 51 Subtracting From 9 and 11
Lesson 52 Minutes Before & Subtracting 9 and 8
Lesson 53 Review and Practice
Lesson 54 Subtracting From Teens
Lesson 55 Subtracting From Doubles and Fives
Lesson 56 (2 days) Subtraction Games
Lesson 57 Subtraction Chain Games
Lesson 58 Review and Practice
Lesson 59 Problem Solving
Lesson 60 Reviewing Perimeter
Lesson 61 (1 or 2 days) Perimeter Problems
Lesson 62 Drawing 5-Sided Stars
Lesson 63 Drawing Horizontal and Vertical Lines
Lesson 64 Review and Practice
Lesson 65 Drawing Diagonals in a Hexagon
Lesson 66 Measuring and Finding Perimeters
Lesson 67 Constructing Rectangles
Lesson 68 Drawing Equilateral Triangles
Lesson 69 Dividing Equilateral Triangles Into Halves
Lesson 70 Review and Practice
Lesson 71 Dividing Equilateral Triangles Into Thirds
Lesson 72 Equilateral Triangles Into Fourths & Eighths
Lesson 73 Equilateral Triangle Into Twelfths
Lesson 74 Equilateral Triangle Into Sixths
Lesson 75 Making a Clock
Lesson 76 Review and Practice

Lesson 77 Drawing Hexagons
Lesson 78 Drawing a Six-Sided Star
Lesson 79 Drawing a Star in a Hexagon
Lesson 80 Drawing Another Star in a Hexagon
Lesson 81 Tessellating Hexagons
Lesson 82 Review and Practice
Lesson 83 How Many Tens
Lesson 84 Adding Several Numbers
Lesson 85 Adding More Columns of Numbers
Lesson 86 Mentally Subtracting 2-Digit Numbers
Lesson 87 Subtraction Bead Trading
Lesson 88 Review and Practice
Lesson 89 More Subtraction Bead Trading
Lesson 90 (2 days) Subtracting 4-Digit Numbers With Symbols
Lesson 91 Subtracting 4-Digit Numbers on the Abacus
Lesson 92 (2 days) Subtracting 4-Digit Without the Abacus
Lesson 93 Review and Practice
Lesson 94 Problems Using Subtraction
Lesson 95 Solving Problems With a Calculator
Lesson 96 Introducing Centimeters
Lesson 97 Perimeter Problems in Centimeters
Lesson 98 Adding Mentally
Lesson 99 Review and Practice (Midyear test can be given)
Lesson 100 Subtracting Mentally
Lesson 101 Multiples on the Hundred Chart
Lesson 102 (2 days) Sum Rummy Game
Lesson 103 Building a Multiplication Table
Lesson 104 Writing Multiplication Equations
Lesson 105 Review and Practice
Lesson 106 Multiplication Memory Game
Lesson 107 Repeated Addition
Lesson 108 The Commutative Property of Multiplication
Lesson 109 Multiplication Problems
Lesson 110 Reviewing Subtraction Strategies ≤ 10
Lesson 111 Review and Practice
Lesson 112 Finding Combinations
Lesson 113 Reviewing Subtraction Strategies > 10
Lesson 114 Introducing Area
Lesson 115 Comparing Areas
Lesson 116 Practicing the Twos

Lesson 117 Review and Practice
Lesson 118 Areas in Square Centimeters
Lesson 119 Practicing the Fives
Lesson 120 Multiplication Games
Lesson 121 Calculating Areas
Lesson 122 Practicing the Threes
Lesson 123 Review and Practice
Lesson 124 Multiplication Problems
Lesson 125 Corners Three Games
Lesson 126 Measuring in Feet
Lesson 127 More About Feet
Lesson 128 Review and Practice
Lesson 129 Perimeter With Feet and Inches
Lesson 130 Finding Areas
Lesson 131 Working With Fours
Lesson 132 Introducing Division
Lesson 133 Naming Unit Fractions
Lesson 134 Review and Practice
Lesson 135 Three Divided by Four
Lesson 136 Naming Fractions
Lesson 137 Fractions Equaling One
Lesson 138 Making 1 With Halves, Quarters, and Eighths
Lesson 139 Fraction Problems
Lesson 140 Review and Practice
Lesson 141 The Game of One
Lesson 142 Working With Sixes
Lesson 143 Comparing Fractions
Lesson 144 Hours of Sunlight
Lesson 145 Chinese Checkerboard Problem Revisited
Lesson 146 Introducing Tangrams
Lesson 147 Tangram Puzzles
Lesson 148 More Tangram Puzzles
Lesson 149 Tangram Triangles
Lesson 150 (2 days) Introducing Negative Numbers
Practice Sheets
Tests
Appendix

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 1-17
October Lessons 18-34
November Lessons 35-51
December Lessons 52-68
January Lessons 69-85
February Lessons 86-102
March Lessons 103-119
April Lessons 119-136
May Lessons 137-150
June Review