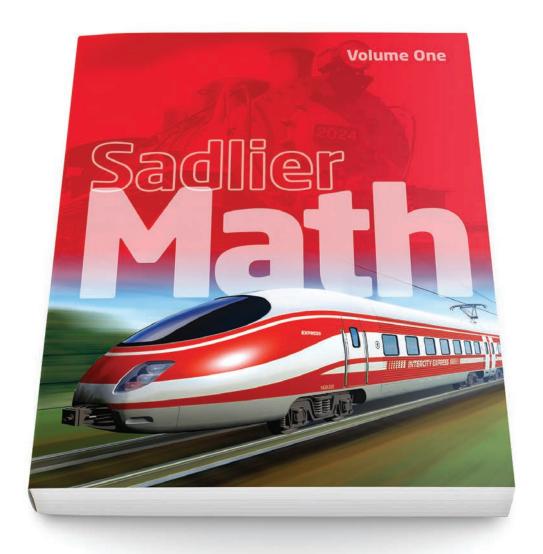
Sadlier School

Sadlier Math™

Correlation to the South Carolina College- and Career-Ready Standards for Mathematics

Grade 1



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NUMBER SENSE AND BASE TEN

Grade 1 Content Standards	Sadlier Math, Grade 1	
The student will:		
1.NSBT.1 Extend the number sequence to:		
a. count forward by ones to 120 starting at any number;	Chapter 6 Place Value to 100 6-3 Numbers 11 Through 19—pp. 209-212 6-4 Numbers 20 Through 39—pp. 213-216 6-5 Numbers 40 Through 59—pp. 219-222 6-6 Numbers 60 Through 89—pp. 223-226 6-7 Numbers 90 Through 100—pp. 227-230 6-8 Problem Solving: Use a Model—pp. 231-236 6-9 Count and Order Using Hundred Chart Patterns—pp. 237-240 Chapter 7 Place Value to 120	
	 7-4 Numbers to 120—pp. 261–264 7-5 Number Patterns to 120—pp. 265–268 7-6 Compare Numbers—pp. 269–272 7-7 Order Numbers—pp. 273–276 	
b. count by fives and tens to 100, starting at any number;	 Chapter 6 Place Value to 100 6-9 Count and Order Using Hundred Chart Patterns— pp. 237–240 	
	 Chapter 16 Money 16-3 Count On by Dimes and Pennies (count by 10s)—pp. 601-604 16-4 Count On by Dimes and Nickels (count by 5s and 10s)—pp. 605-608 	
c. read, write and represent numbers to 100 using concrete models, standard form, and equations in expanded form;	Chapter 7 Place Value to 120 • 7-1 Place Value of Digits—pp. 247-250 • 7-2 Expanded Form—pp. 251-254	
d. read and write in word form numbers zero through nineteen, and multiples of ten through ninety.	Chapter 7 Place Value to 120 • 7-1 Place Value of Digits—pp. 247-250 • 7-2 Expanded Form—pp. 251-254	
1.NSBT.2 Understand place value through 99 by demonstrating that:		
a. ten ones can be thought of as a bundle (group) called a "ten";	Chapter 6 Place Value to 100 • 6-1 Tens and Ones—pp. 201-204 • 6-2 Tens Through One Hundred—pp. 205-208	



NUMBER SENSE AND BASE TEN		
Grade 1 Content Standards	Sadlier Math, Grade 1	
b. the tens digit in a two-digit number represents the number of tens and the ones digit represents the number of ones;	Chapter 6 Place Value to 100 • 6-3 Numbers 11 Through 19—pp. 209-212 • 6-4 Numbers 20 Through 39—pp. 213-216 • 6-5 Numbers 40 Through 59—pp. 219-222 • 6-6 Numbers 60 Through 89—pp. 223-226 • 6-7 Numbers 90 Through 100—pp. 227-230	
c. two-digit numbers can be decomposed in a variety of ways (e.g., 52 can be decomposed as 5 tens and 2 ones or 4 tens and 12 ones, etc.) and record the decomposition as an equation.	Chapter 7 Place Value to 120 • 7-3 Decompose Two-Digit Numbers—pp. 255-258	
1.NSBT.3 Compare two two-digit numbers based on the meanings of the tens and ones digits, using the words <i>greater than, equal to,</i> or <i>less than.</i>	 Chapter 7 Place Value to 120 7-6 Compare Numbers—pp. 269-272 7-7 Order Numbers—pp. 273-276 7-8 Problem Solving: Use Reasoning—pp. 277-282 	
1.NSBT.4 Add through 99 using concrete models, drawings, and strategies based on place value to:		
a. add a two-digit number and a one-digit number, understanding that sometimes it is necessary to compose a ten (regroup);	Chapter 11 Addition: Two-Digit Numbers 11-4 Add Two-Digit and One-Digit Numbers—pp. 419-422 11-5 Make a 10 to Add Two-Digit and One-Digit Numbers—pp. 423-426 11-6 Add Two-Digit Numbers—pp. 429-432 11-7 Make a 10 to Add Two-Digit Numbers—pp. 433-436 11-8 Break Apart to Add—pp. 437-440 11-9 Problem Solving: Use a Model—pp. 441-446	
b. add a two-digit number and a multiple of 10.	Chapter 11 Addition: Two-Digit Numbers • 11-2 Add Tens—pp. 411-414 • 11-3 Add Two-Digit Numbers and Multiples of Ten—pp. 415-418	
1.NSBT.5 Determine the number that is 10 more or 10 less than a given number through 99 and explain the reasoning verbally and with multiple representations, including concrete models.	Chapter 11 Addition: Two-Digit Numbers • 11-1 Mental Math: Find 10 or More—pp. 407-410 Chapter 12 Subtraction: Two-Digit Numbers • 12-1 Mental Math: Find 10 Less—pp. 453-456	



NUMBER SENSE AND BASE TEN

Grade 1 Content Standards Sadlier Math, Grade 1 **1.NSBT.6** Subtract a multiple of 10 from a larger **Chapter 12 Subtraction: Two-Digit Numbers** • 12-2 Subtract Tens-pp. 457-460 multiple of 10, both in the range 10 to 90, using • 12-3 Think Addition to Subtract Tens—pp. 461-464 concrete models, drawings, and strategies • 12-4 Subtract Multiples of Ten from Two-Digit based on place value. Numbers—pp. 467-470 • 12-5 Problem Solving: Guess and Test-pp. 471-476 2.NSBT.8 Determine the number that is 10 or **Chapter 8 Addition: Three-Digit Numbers** • 8-1 Mental Math: Add 1, 10, or 100—pp. 341-344 100 more or less than a given number through **Chapter 9 Subtraction: Three-Digit Numbers** 1,000 and explain the reasoning verbally and in

ALGEBRAIC THINKING AND OPERATIONS

Grade 1 Content Standards

Sadlier Math, Grade 1

• 9-1 Mental Math: Subtract 1, 10, or 100-pp. 383-386

The student will:

writing.

1.ATO.1 Solve real-world/story problems using addition (as a joining action and as a part- part-whole action) and subtraction (as a separation action, finding parts of the whole, and as a comparison) through 20 with unknowns in all positions.

Chapter 1 Addition Facts and Strategies Within 10

- 1-1 Sums Through 5—pp. 3-6
- 1-2 Sums Through 6-pp. 7-10
- 1-3 Sums of 7 and 8-pp. 11-14
- 1-4 Sums of 9 and 10—pp. 15-18
- 1-5 Related Addition Facts—pp. 21-24
- 1-6 Count on to Add-pp. 25-28
- 1-7 Problem Solving: The Four-Step Process—pp. 29-34

Chapter 2 More Addition Within 10

- 2-1 Add Three Numbers-pp. 41-44
- 2-2 Solve Addition Word Problems—pp. 45-48
- 2-3 Doubles and Doubles Plus 1—pp. 49-52
- 2-4 Equivalent Sums—pp. 53-56
- 2-5 Addition Practice—pp. 57-60
- 2-6 Problem Solving: Use a Number Sentence—pp. 63–68
- 2-7 Solve for Unknown Addends—pp. 69-72

Chapter 3 Subtraction Facts and StrategiesWithin 10

- 3-1 Subtract from 5 or Less—pp. 79-82
- 3-2 Subtract from 6 or Less-pp. 83-86

continued



ALGEBRAIC THINKING AND OPERATIONS

Grade 1 Content Standards Sadlier Math, Grade 1 • 3-3 Subtract from 7 and 8-pp. 87-90 • 3-4 Subtract from 9 and 10-pp. 91-94 • 3-5 Problem Solving: Use a Model—pp. 97-102 3-6 Count On to Subtract—pp. 103-106 • 3-7 All or Zero-pp. 107-110 **Chapter 4 Addition and Subtraction Relationships Within 10** • 4-1 Related Subtraction Facts—pp. 117-120 • 4-2 Relate Addition and Subtraction—pp. 121-124 4-3 Fact Families Through 10—pp. 125–128 • 4-4 Think Addition to Subtract—pp. 129-132 4-5 Check by Adding—pp. 133-136 • 4-6 Problem Solving: Use a Model—pp. 139-144 • 4-7 Find Missing Addends-pp. 145-148 4-8 Subtract to Compare—pp. 149-152 • 4-9 Solve Comparison Word Problems—pp. 153-156 **Chapter 8 Addition Facts Within 20** • 8-2 Addition: Sums of 11 and 12—pp. 293-296 • 8-3 Addition: Sums Through 14-pp. 297-300 • 8-4 Addition: Sums Through 16-pp. 303-306 • 8-5 Addition: Sums Through 18—pp. 307-310 • 8-6 Addition: Sums Through 20-pp. 311-314 • 8-7 Three Addends—pp. 315-318 • 8-8 Problem Solving: Write and Solve an Equation pp. 319-324 **Chapter 9 Subtraction Facts Within 20** 9-1 Make 10 to Subtract—pp. 331-334 • 9-2 Subtract from 11 and 12—pp. 335-338 • 9-3 Subtract from 13 and 14-pp. 339-342 9-4 Subtract from 16 or Less—pp. 345-348 • 9-5 Subtract from 20 or Less—pp. 349-352 • 9-6 Fact Families Through 20-pp. 353-356 • 9-7 Problem Solving: Use a Number Sentence—pp. • 9-9 Missing Part of an Equation—pp. 367-370 **1.ATO.2** Solve real-world/story problems that **Chapter 2 More Addition Within 10** • 2-1 Add Three Numbers-pp. 41-44 include three whole number addends whose 2-2 Solve Addition Word Problems—pp. 45-48 sum is less than or equal to 20. **Chapter 8 Addition Facts Within 20** • 8-7 Three Addends-pp. 315-318



ALGEBRAIC THINKING AND OPERATIONS Grade 1 Content Standards Sadlier Math, Grade 1 **1.ATO.3** Apply Commutative and Associative **Chapter 1 Addition Facts and Strategies Within** Properties of Addition to find the sum (through • 1-5 Related Addition Facts—pp. 21-24 20) of two or three addends. **Chapter 2 More Addition Within 10** 2-1 Add Three Numbers—pp. 41-44 • 2-7 Solve for Unknown Addends—pp. 69-72 **Chapter 3 Subtraction Facts and Strategies** Within 10 • 3-7 All or Zero-pp. 107-110 **Chapter 4 Addition and Subtraction Relationships Within 10** • 4-3 Fact Families Through 10—pp. 125-128 • 4-7 Find Missing Addends—pp. 145-148 **Chapter 8 Addition Facts Within 20** • 8-3 Addition: Sums Through 14—pp. 297-300 • 8-4 Addition: Sums Through 16—pp. 303-306 • 8-5 Addition: Sums Through 18—pp. 307-310 • 8-6 Addition: Sums Through 20—pp. 311-314 • 8-7 Three Addends—pp. 315-318 **1.ATO.4** Understand subtraction as an unknown **Chapter 10 Foundations for Multiplication** • 10-1 Odd and Even Numbers—pp. 429-432 addend problem. • 10-2 Represent Even Numbers—pp. 433-436 **1.ATO.5** Recognize how counting relates to **Chapter 1 Addition Facts and Strategies Within** addition and subtraction. • 1-6 Count on to Add-pp. 25-28 **Chapter 3 Subtraction Facts and Strategies** Within 10 • 3-6 Count On to Subtract—pp. 103-106 **1.ATO.6** Demonstrate: a. addition and subtraction through 20; **Chapter 1 Addition Facts and Strategies Within** 10 • 1-1 Sums Through 5—pp. 3-6 • 1-2 Sums Through 6-pp. 7-10 • 1-3 Sums of 7 and 8-pp. 11-14 • 1-4 Sums of 9 and 10—pp. 15-18 • 1-5 Related Addition Facts—pp. 21-24 • 1-6 Count on to Add-pp. 25-28



continued

ALGEBRAIC THINKING AND OPERATIONS

Grade 1 Content Standards Sadlier Math, Grade 1 **Chapter 2 More Addition Within 10** • 2-1 Add Three Numbers-pp. 41-44 • 2-2 Solve Addition Word Problems—pp. 45-48 • 2-3 Doubles and Doubles Plus 1—pp. 49-52 • 2-4 Equivalent Sums-pp. 53-56 • 2-5 Addition Practice—pp. 57-60 • 2-7 Solve for Unknown Addends—pp. 69-72 **Chapter 3 Subtraction Facts and Strategies** Within 10 • 3-1 Subtract from 5 or Less-pp. 79-82 • 3-2 Subtract from 6 or Less-pp. 83-86 • 3-3 Subtract from 7 and 8-pp. 87-90 • 3-4 Subtract from 9 and 10-pp. 91-94 • 3-5 Problem Solving: Use a Model—pp. 97-102 • 3-6 Count On to Subtract—pp. 103-106 • 3-7 All or Zero-pp. 107-110 **Chapter 4 Addition and Subtraction Relationships Within 10** • 4-1 Related Subtraction Facts—pp. 117-120 • 4-2 Relate Addition and Subtraction—pp. 121-124 4-3 Fact Families Through 10—pp. 125-128 • 4-4 Think Addition to Subtract—pp. 129-132 • 4-5 Check by Adding-pp. 133-136 **Chapter 8 Addition Facts Within 20** • 8-1 Make 10 to Add-pp. 289-292

Chapter 9 Subtraction Facts Within 20

8-2 Addition: Sums of 11 and 12—pp. 293-296
8-3 Addition: Sums Through 14—pp. 297-300
8-4 Addition: Sums Through 16—pp. 303-306
8-5 Addition: Sums Through 18—pp. 307-310
8-6 Addition: Sums Through 20—pp. 311-314

• 9-1 Make 10 to Subtract—pp. 331-334

• 8-7 Three Addends-pp. 315-318

- 9-2 Subtract from 11 and 12—pp. 335-338
- 9-3 Subtract from 13 and 14—pp. 339-342
- 9-4 Subtract from 16 or Less—pp. 345-348
- 9-5 Subtract from 20 or Less—pp. 349-352
- 9-6 Fact Families Through 20—pp. 353-356



ALGEBRAIC THINKING AND OPERATIONS Grade 1 Content Standards Sadlier Math, Grade 1 b. fluency with addition and related **Chapter 1 Addition Facts and Strategies Within** subtraction facts through 10. • 1-1 Sums Through 5—pp. 3-6 • 1-2 Sums Through 6—pp. 7-10 • 1-3 Sums of 7 and 8-pp. 11-14 • 1-4 Sums of 9 and 10-pp. 15-18 • 1-5 Related Addition Facts—pp. 21-24 **Chapter 2 More Addition Within 10** • 2-1 Add Three Numbers-pp. 41-44 • 2-2 Solve Addition Word Problems—pp. 45-48 • 2-3 Doubles and Doubles Plus 1—pp. 49-52 • 2-4 Equivalent Sums-pp. 53-56 • 2-5 Addition Practice—pp. 57-60 **Chapter 3 Subtraction Facts and Strategies** Within 10 • 3-1 Subtract from 5 or Less-pp. 79-82 • 3-2 Subtract from 6 or Less-pp. 83-86 • 3-3 Subtract from 7 and 8-pp. 87-90 • 3-4 Subtract from 9 and 10-pp. 91-94 • 3-5 Problem Solving: Use a Model—pp. 97-102 • 3-6 Count On to Subtract—pp. 103-106 • 3-7 All or Zero-pp. 107-110 **Chapter 4 Addition and Subtraction Relationships Within 10** • 4-1 Related Subtraction Facts—pp. 117-120 • 4-2 Relate Addition and Subtraction—pp. 121-124 4-3 Fact Families Through 10—pp. 125-128 • 4-4 Think Addition to Subtract—pp. 129-132 4-5 Check by Adding—pp. 133-136 **1.ATO.7** Understand the meaning of the equal **Chapter 1 Addition Facts and Strategies Within** 10 sign as a relationship between two quantities • 1-1 Sums Through 5—pp. 3-6 (sameness) and determine if equations **Chapter 3 Subtraction Facts and Strategies** involving addition and subtraction are true. Within 10 • 3-1 Subtract from 5 or Less-pp. 79-82 **Chapter 9 Subtraction Facts Within 20** • 9-8 True and False Equations—pp. 363-366 **1.ATO.8** Determine the missing number in **Chapter 2 More Addition Within 10** • 2-7 Solve for Unknown Addends—pp. 69-72 addition and subtraction equations within 20. continued



ALGEBRAIC THINKING AND OPERATIONS		
Grade 1 Content Standards	Sadlier Math, Grade 1	
	Chapter 3 Subtraction Facts and Strategies Within 10 • 3-1 Subtract from 5 or Less—pp. 79–82 Chapter 4 Addition and Subtraction Relationships Within 10 • 4-7 Find Missing Addends—pp. 145–148 Chapter 9 Subtraction Facts Within 20 • 9-9 Missing Part of an Equation—pp. 367–370	
1.ATO.9 Create, extend and explain using pictures and words for:		
a. repeating patterns (e.g., AB, AAB, ABB, and ABC type patterns);	 Chapter 6 Place Value to 100 6-9 Count and Order Using Hundred Chart Patterns—pp. 237-240 Chapter 7 Place Value to 120 7-5 Number Patterns to 120—pp. 265-268 Chapter 15 Time 15-3 Time Patterns—pp. 573-576 	
b. growing patterns (between 2 and 4 terms/figures).	Chapter 6 Place Value to 100 • 6-9 Count and Order Using Hundred Chart Patterns—pp. 237–240 Chapter 7 Place Value to 120 • 7-5 Number Patterns to 120—pp. 265–268 Chapter 15 Time • 15-3 Time Patterns—pp. 573–576	
GEOMETRY		

The student will: 1.G.1 Distinguish between a two-dimensional shape's defining (e.g., number of sides) and non-defining attributes (e.g., color). Chapter 13 Geometry • 13-2 Attributes of Two-Dimensional Shapes—pp. 487-490



MEASUREMENT AND DATA ANALYSIS

GEOMETRY	
Grade 1 Content Standards	Sadlier Math, Grade 1
1.G.2 Combine two-dimensional shapes (i.e., square, rectangle, triangle, hexagon, rhombus, and trapezoid) or three-dimensional shapes (i.e., cube, rectangular prism, cone, and cylinder) in more than one way to form a composite shape.	Chapter 13 Geometry • 13-3 Compose Two-Dimensional Shapes—pp. 491- • 13-9 Compose Three-Dimensional Shapes—pp. 517-520
1.G3 Partition two-dimensional shapes (i.e., square, rectangle, circle) into two or four equal parts.	Chapter 14 Equal Shares • 14-1 Equal Shares—pp. 533-536 • 14-5 Problem Solving: Draw a Picture—pp. 551-556
1.G.4 Identify and name two-dimensional shapes (i.e., square, rectangle, triangle, hexagon, rhombus, trapezoid, and circle).	Chapter 13 Geometry • 13-1 Two-Dimensional Shapes—pp. 483-486

Grade 1 Content Standards	Sadlier Math, Grade 1
The student will:	
1.MDA.1 Order three objects by length using indirect comparison.	Chapter 5 Measurement: Length • 5-1 Order by Length—pp. 163-166 • 5-2 Use Indirect Comparison—pp. 167-170
1.MDA.2 Use nonstandard physical models to show the length of an object as the number of same size units of length with no gaps or overlaps.	Chapter 5 Measurement: Length • 5-3 Same-Size Length Units—pp. 171–174 • 5-4 Measure Length—pp. 175–178 • 5-5 Problem Solving: Use Logical Reasoning—pp. 181–186 • 5-6 Make and Use a Ruler—pp. 187–190 Extension • 5-7 Inches—pp. 191–194
1.MDA.3 Use analog and digital clocks to tell and record time to the hour and half hour.	Chapter 15 Time • 15-1 Hour—pp. 563–566 • 15-2 Half Hour—pp. 567–570 • 15-3 Time Patterns—pp. 573–576 • 15-4 Day and Night—pp. 577–580 • 15-5 Problem Solving: Use Logical Reasoning—pp. 581–586



MEASUREMENT AND DATA ANALYSIS		
Grade 1 Content Standards	Sadlier Math, Grade 1	
1.MDA.4 Collect, organize, and represent data with up to 3 categories using object graphs, picture graphs, t-charts and tallies.	Chapter 10 Data and Graphical Displays • 10-2 Make Tally Charts—pp. 381-384 • 10-4 Make Picture Graphs—pp. 391-394	
1.MDA.5 Draw conclusions from given object graphs, picture graphs, t-charts, tallies, and bar graphs.	Chapter 10 Data and Graphical Displays 10-1 Read Tally Charts—pp. 377-380 10-3 Read Picture Graphs—pp. 387-390 10-5 Problem Solving: Use a Model—pp. 395-400	
1.MDA.6 Identify a penny, nickel, dime and quarter and write the coin values using a ¢ symbol.	Chapter 16 Money • 16-1 Pennies and Nickels—pp. 593-596 • 16-2 Dimes and Quarters—pp. 597-600 • 16-3 Count On by Dimes and Pennies—pp. 601-604 • 16-4 Count On by Dimes and Nickels—pp. 605-608 • 16-5 One Dollar—pp. 611-614 • 16-6 Problem Solving: Work Backward—pp. 615-620	

