## Sadlier Math ${ }^{T M}$

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

## Grade 1



## 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 <br> - 6-3 Numbers 11 Through 19—pp. 209-212 <br> - 6-4 Numbers 20 Through 39—pp. 213-216 <br> - 6-5 Numbers 40 Through 59-pp. 219-222 <br> - 6-6 Numbers 60 Through 89-pp. 223-226 <br> - 6-7 Numbers 90 Through 100—pp. 227-230 <br> - 6-8 Problem Solving: Use a Model—pp. 231-236 <br> - 6-9 Count and Order Using Hundred Chart Patternspp. 237-240 <br> Chapter 7 Place Value to 120 <br> - 7-4 Numbers to 120-pp. 261-264 <br> - 7-5 Number Patterns to 120—pp. 265-268 <br> - 7-6 Compare Numbers-pp. 269-272 <br> - 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 <br> - 6-9 Count and Order Using Hundred Chart Patternspp. 237-240 <br> Chapter 16 Money <br> - 16-3 Count On by Dimes and Pennies (count by 10s)-pp. 601-604 <br> - 16-4 Count On by Dimes and Nickels (count by 5 s 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 <br> - 7-1 Place Value of Digits-pp. 247-250 <br> - 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 <br> - 7-1 Place Value of Digits-pp. 247-250 <br> - 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 <br> - 6-1 Tens and Ones-pp. 201-204 <br> - 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.
1.NSBT. 3 Compare two two-digit numbers based on the meanings of the tens and ones digits, using the words greater than, equal to, or less than.
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);
b. add a two-digit number and a multiple of 10.
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 7 Place Value to 120

- 7-3 Decompose Two-Digit Numbers-pp. 255-258


## 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


## 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


## Chapter 11 Addition: Two-Digit Numbers

- 11-2 Add Tens-pp. 411-414
- 11-3 Add Two-Digit Numbers and Multiples of Tenpp. 415-418


## 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


## Sadlier School

## NUMBER SENSE AND BASE TEN

Grade 1 Content Standards
1.NSBT. 6 Subtract a multiple of 10 from a larger multiple of 10 , both in the range 10 to 90 , using concrete models, drawings, and strategies based on place value.
2.NSBT. 8 Determine the number that is 10 or 100 more or less than a given number through 1,000 and explain the reasoning verbally and in writing.

## Sadlier Math, Grade 1

## Chapter 12 Subtraction: Two-Digit Numbers

- 12-2 Subtract Tens-pp. 457-460
- 12-3 Think Addition to Subtract Tens-pp. 461-464
- 12-4 Subtract Multiples of Ten from Two-Digit Numbers-pp. 467-470
- 12-5 Problem Solving: Guess and Test-pp. 471-476


## Chapter 8 Addition: Three-Digit Numbers

- 8-1 Mental Math: Add 1, 10, or 100-pp. 341-344

Chapter 9 Subtraction: Three-Digit Numbers

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


## ALGEBRAIC THINKING AND OPERATIONS

Grade 1 Content Standards
Sadlier Math, Grade 1

## The student will:

1.ATO. 1 Solve real-world/story problems using addition (as a joining action and as a part- partwhole 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 Strategies Within 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

|  | - 3-3 Subtract from 7 and 8-pp. 87-90 <br> - 3-4 Subtract from 9 and 10-pp. 91-94 <br> - 3-5 Problem Solving: Use a Model-pp. 97-102 <br> - 3-6 Count On to Subtract-pp. 103-106 <br> - 3-7 All or Zero-pp. 107-110 <br> Chapter 4 Addition and Subtraction Relationships Within 10 <br> - 4-1 Related Subtraction Facts-pp. 117-120 <br> - 4-2 Relate Addition and Subtraction-pp. 121-124 <br> - 4-3 Fact Families Through 10—pp. 125-128 <br> - 4-4 Think Addition to Subtract—pp. 129-132 <br> - 4-5 Check by Adding-pp. 133-136 <br> - 4-6 Problem Solving: Use a Model-pp. 139-144 <br> - 4-7 Find Missing Addends-pp. 145-148 <br> - 4-8 Subtract to Compare-pp. 149-152 <br> - 4-9 Solve Comparison Word Problems-pp. 153-156 <br> Chapter 8 Addition Facts Within 20 <br> - 8-2 Addition: Sums of 11 and 12-pp. 293-296 <br> - 8-3 Addition: Sums Through 14—pp. 297-300 <br> - 8-4 Addition: Sums Through 16-pp. 303-306 <br> - 8-5 Addition: Sums Through 18-pp. 307-310 <br> - 8-6 Addition: Sums Through 20-pp. 311-314 <br> - 8-7 Three Addends-pp. 315-318 <br> - 8-8 Problem Solving: Write and Solve an Equationpp. 319-324 <br> Chapter 9 Subtraction Facts Within 20 <br> - 9-1 Make 10 to Subtract-pp. 331-334 <br> - 9-2 Subtract from 11 and 12-pp. 335-338 <br> - 9-3 Subtract from 13 and 14-pp. 339-342 <br> - 9-4 Subtract from 16 or Less-pp. 345-348 <br> - 9-5 Subtract from 20 or Less-pp. 349-352 <br> - 9-6 Fact Families Through 20-pp. 353-356 <br> - 9-7 Problem Solving: Use a Number Sentence-pp. 357-362 <br> - 9-9 Missing Part of an Equation-pp. 367-370 |
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| 1.ATO.2 Solve real-world/story problems that include three whole number addends whose sum is less than or equal to 20. | Chapter 2 More Addition Within 10 <br> - 2-1 Add Three Numbers-pp. 41-44 <br> - 2-2 Solve Addition Word Problems-pp. 45-48 <br> Chapter 8 Addition Facts Within 20 <br> - 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 Properties of Addition to find the sum (through 20) of two or three addends. | Chapter 1 Addition Facts and Strategies Within 10 <br> - 1-5 Related Addition Facts—pp. 21-24 <br> Chapter 2 More Addition Within 10 <br> - 2-1 Add Three Numbers-pp. 41-44 <br> - 2-7 Solve for Unknown Addends-pp. 69-72 <br> Chapter 3 Subtraction Facts and Strategies Within 10 <br> - 3-7 All or Zero—pp. 107-110 <br> Chapter 4 Addition and Subtraction Relationships Within 10 <br> - 4-3 Fact Families Through 10—pp. 125-128 <br> - 4-7 Find Missing Addends-pp. 145-148 <br> Chapter 8 Addition Facts Within 20 <br> - 8-3 Addition: Sums Through 14-pp. 297-300 <br> - 8-4 Addition: Sums Through 16-pp. 303-306 <br> - 8-5 Addition: Sums Through 18-pp. 307-310 <br> - 8-6 Addition: Sums Through 20-pp. 311-314 <br> - 8-7 Three Addends-pp. 315-318 |
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| 1.ATO.4 Understand subtraction as an unknown addend problem. | Chapter 10 Foundations for Multiplication <br> - 10-1 Odd and Even Numbers-pp. 429-432 <br> - 10-2 Represent Even Numbers-pp. 433-436 |
| 1.ATO. 5 Recognize how counting relates to addition and subtraction. | Chapter 1 Addition Facts and Strategies Within 10 <br> - 1-6 Count on to Add-pp. 25-28 <br> Chapter 3 Subtraction Facts and Strategies Within 10 <br> - 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 <br> - 1-1 Sums Through 5-pp. 3-6 <br> - 1-2 Sums Through 6-pp. 7-10 <br> - 1-3 Sums of 7 and 8-pp. 11-14 <br> - 1-4 Sums of 9 and 10-pp. 15-18 <br> - 1-5 Related Addition Facts-pp. 21-24 <br> - 1-6 Count on to Add-pp. 25-28 <br> 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
- 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


## 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


## ALGEBRAIC THINKING AND OPERATIONS

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

## Sadlier School

## ALGEBRAIC THINKING AND OPERATIONS

Grade 1 Content Standards
$\left.\begin{array}{|l|l|}\hline & \begin{array}{l}\text { Chapter } 3 \text { Subtraction Facts and Strategies } \\ \text { Within } 10 \\ \text { • 3-1 Subtract from 5 or Less-pp. 79-82 } \\ \text { Chapter } 4 \text { Addition and Subtraction } \\ \text { Relationships Within 10 }\end{array} \\ \text { • 4-7 Find Missing Addends-pp. 145-148 } \\ \text { Chapter 9 Subtraction Facts Within 20 } \\ \text { - 9-9 Missing Part of an Equation-pp. 367-370 }\end{array}\right\}$

## GEOMETRY

## Grade 1 Content Standards

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


## 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.
1.G3 Partition two-dimensional shapes (i.e., square, rectangle, circle) into two or four equal parts.
1.G. 4 Identify and name two-dimensional shapes (i.e., square, rectangle, triangle, hexagon, rhombus, trapezoid, and circle).

## Chapter 13 Geometry

- 13-3 Compose Two-Dimensional Shapes-pp. 491-
- 13-9 Compose Three-Dimensional Shapes-pp. 517-520


## Chapter 14 Equal Shares

- 14-1 Equal Shares-pp. 533-536
- 14-5 Problem Solving: Draw a Picture-pp. 551-556


## Chapter 13 Geometry

- 13-1 Two-Dimensional Shapes-pp. 483-486


## MEASUREMENT AND DATA ANALYSIS

## 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 <br> - 5-1 Order by Length-pp. 163-166 <br> - 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 <br> - 5-3 Same-Size Length Units-pp. 171-174 <br> - 5-4 Measure Length-pp. 175-178 <br> - 5-5 Problem Solving: Use Logical Reasoning-pp. 181-186 <br> - 5-6 Make and Use a Ruler-pp. 187-190 <br> Extension <br> - 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 <br> - 15-1 Hour-pp. 563-566 <br> - 15-2 Half Hour-pp. 567-570 <br> - 15-3 Time Patterns-pp. 573-576 <br> - 15-4 Day and Night-pp. 577-580 <br> - 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 <br> - 10-2 Make Tally Charts-pp. 381-384 <br> - 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 <br> - 10-1 Read Tally Charts-pp. 377-380 <br> - 10-3 Read Picture Graphs-pp. 387-390 <br> - 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 $\Phi$ symbol. | Chapter 16 Money <br> - 16-1 Pennies and Nickels-pp. 593-596 <br> - 16-2 Dimes and Quarters-pp. 597-600 <br> - 16-3 Count On by Dimes and Pennies-pp. 601-604 <br> - 16-4 Count On by Dimes and Nickels-pp. 605-608 <br> - 16-5 One Dollar-pp. 611-614 <br> - 16-6 Problem Solving: Work Backward-pp. 615-620 |

