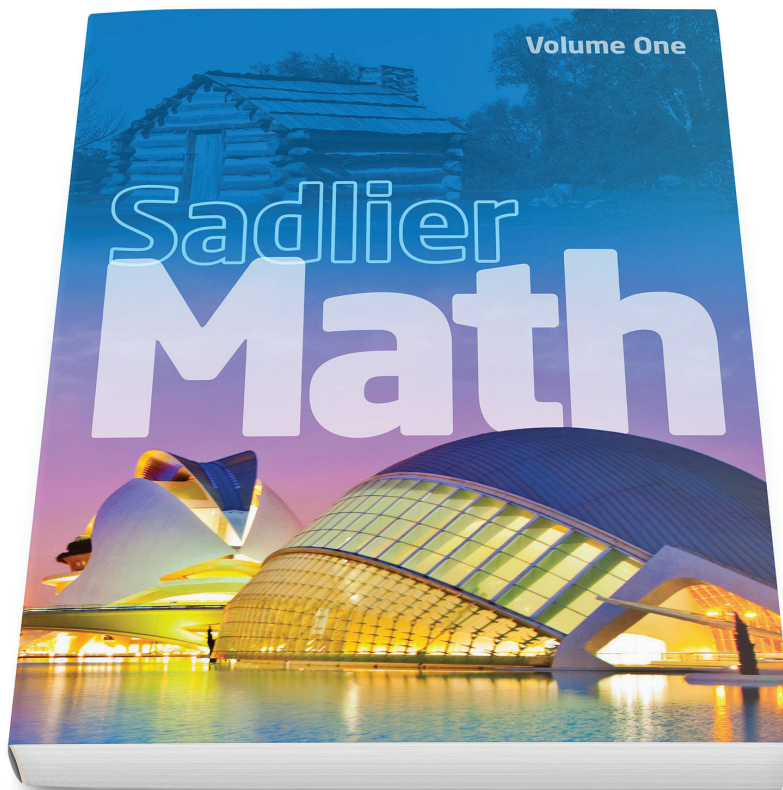


Sadlier Math™

Correlation to the Missouri Learning Standards:
Grade-Level Expectations for Mathematics

Grade 2



Learn more at www.SadlierSchool.com/SadlierMath

NUMBER SENSE AND OPERATIONS IN BASE TEN

Grade 2 Content Standards

Sadlier Math, Grade 2

Understand place value of three digit numbers.

2.NBT.A.1 Understand three-digit numbers are composed of hundreds, tens and ones.

Chapter 7: 7-1

2.NBT.A.2 Understand that 100 can be thought of as 10 tens – called a “hundred”.

Chapter 7: 7-1

2.NBT.A.3 Count within 1000 by 1s, 10s and 100s starting with any number.

Chapter 3: 3-5
Chapter 7: 7-5

2.NBT.A.4 Read and write numbers to 1000 using number names, base-ten numerals and expanded form.

Chapter 3: 3-1 & 3-2
Chapter 7: 7-2 through 7-4

2.NBT.A.5 Compare two three-digit numbers using the symbols $>$, $=$ or $<$.

Chapter 7: 7-6 & 7-7

Use place value understanding and properties of operations to add and subtract.

2.NBT.B.6 Demonstrate fluency with addition and subtraction within 100.

Chapter 1: 1-1 through 1-10
Chapter 2: 2-1 through 2-12
Chapter 4: 4-1 through 4-10
Chapter 5: 5-1 through 5-9
Chapter 8: 8-2 through 8-8
Chapter 9: 9-2 through 9-9

2.NBT.B.7 Add up to four two-digit numbers.

Chapter 4: 4-1 through 4-10

2.NBT.B.8 Add or subtract within 1000, and justify the solution.

Chapter 1: 1-1 through 1-10
Chapter 2: 2-1 through 2-11
Chapter 4: 4-1 through 4-9
Chapter 5: 5-1 through 5-8
Chapter 7: 7-8
Chapter 8: 8-1 through 8-8
Chapter 9: 9-1 through 9-9

2.NBT.B.9 Use the relationship between addition and subtraction to solve problems.

Chapter 2: 2-6

NUMBER SENSE AND OPERATIONS IN BASE TEN

Grade 2 Content Standards	Sadlier Math, Grade 2
2.NBT.B.10 Add or subtract mentally 10 or 100 to or from a given number within 1000.	Chapter 8: 8-1 Chapter 9: 9-1
Represent and solve problems involving addition and subtraction.	
2.NBT.C.11 Write and solve problems involving addition and subtraction within 100.	Chapter 1: 1-1, 1-2, 1-7 & 1-9 Chapter 2: 2-1 through 2-3, 2-10 & 2-12 Chapter 4: 4-8 & 4-9

RELATIONSHIPS AND ALGEBRAIC THINKING

Grade 2 Content Standards	Sadlier Math, Grade 2
Add and subtract within 20.	
2.RA.A.1 Demonstrate fluency with addition and subtraction within 20.	Chapter 1: 1-3 through 1-10 Chapter 2: 2-2, 2-4 through 2-1
Develop foundations for multiplication and division.	
2.RA.A.2 Determine if a set of objects has an odd or even number of members.	
2.RA.B.2a Count by 2s to 100 starting with any even number.	Chapter 10: 10-1
2.RA.B.2b Express even numbers as pairings/groups of 2, and write an expression to represent the number using addends of 2.	Chapter 10: 10-2
2.RA.B.2c Express even numbers as being composed of equal groups and write an expression to represent the number with 2 equal addends.	Chapter 10: 10-2
2.RA.B.3 Find the total number of objects arranged in a rectangular array with up to 5 rows and 5 columns, and write an equation to represent the total as a sum of equal addends.	Chapter 10: 10-3 through 10-5

GEOMETRY AND MEASUREMENT

Grade 2 Content Standards

Sadlier Math, Grade 2

Reason with shapes and their attributes.

2.GM.A.1 Recognize and draw shapes having specified attributes, such as a given number of angles or sides.

2.GM.A.1a Identify triangles, quadrilaterals, pentagons, hexagons, circles and cubes.

Chapter 13: 13-1 through 13-4

2.GM.A.1b Identify the faces of three-dimensional objects.

Chapter 13: 13-4

2.GM.A.3 Partition circles and rectangles into two, three or four equal shares, and describe the shares and the whole.

Chapter 14: 14-1 through 14-4

2.GM.A.3a Demonstrate that equal shares of identical wholes need not have the same shape.

Chapter 14: 14-2 through 14-4

Measure and estimate lengths in standard units.

2.GM.B.4 Measure the length of an object by selecting and using appropriate tools.

Chapter 6: 6-1 through 6-6

2.GM.B.5 Analyze the results of measuring the same object with different units.

Chapter 6: 6-7

2.GM.B.6 Estimate lengths using units of inches, feet, yards, centimeters and meters.

Chapter 6: 6-1 through 6-5

2.GM.B.7 Measure to determine how much longer one object is than another.

Chapter 6: 6-8 & 6-9

Relate addition and subtraction to length.

2.GM.C.8 Use addition and subtraction within 100 to solve problems involving lengths that are given in the same units.

Chapter 6: 6-9 & 6-10

GEOMETRY AND MEASUREMENT

Grade 2 Content Standards	Sadlier Math, Grade 2
2.GM.C.9 Represent whole numbers as lengths on a number line, and represent whole-number sums and differences within 100 on a number line.	Chapter 6: 6-11 & 6-12
Work with time and money.	
2.GM.D.10 Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m.	Chapter 12: 12-9 through 12-12
2.GM.D.11 Describe a time shown on a digital clock as representing hours and minutes, and relate a time shown on a digital clock to the same time on an analog clock.	Chapter 12: 12-9 & 12-10
2.GM.D.12 Find the value of combinations of dollar bills, quarters, dimes, nickels and pennies, using \$ and ¢ appropriately.	Chapter 12: 12-1 through 12-7
2.GM.D.13 Find combinations of coins that equal a given amount.	Chapter 12: 12-3

DATA AND STATISTICS

Grade 2 Content Standards	Sadlier Math, Grade 2
Represent and analyze data.	
2.DS.A.1 Create a line plot to represent a set of numeric data, given a horizontal scale marked in whole numbers.	Chapter 11: 11-1 & 11-2
2.DS.A.2 Generate measurement data to the nearest whole unit, and display the data in a line plot.	Chapter 11: 11-1 & 11-2
2.DS.A.3 Draw a picture graph or a bar graph to represent a data set with up to four categories.	Chapter 11: 11-3 through 11-7

DATA AND STATISTICS

Grade 2 Content Standards	<i>Sadlier Math, Grade 2</i>
2.DS.A.4 Solve problems using information presented in line plots, picture graphs and bar graphs.	Chapter 11: 11-1 through 11-7
2.DS.A.5 Draw conclusions from line plots, picture graphs and bar graphs.	Chapter 11: 11-1 through 11-7