

# **First Grade**

# **Everyday Mathematics<sup>®</sup>**

# **Learning Goals**

# Unit 1

- 1a. Count by 5s to 40**  
(Developing/Secure) (Lessons 1.4, 1.7, 1.11)
- 1b. Count by 2s to 40**  
(Developing/Secure) (Lessons 1.9–1.13)
- 1c. Write numbers from 1 to 20**  
(Developing/Secure) (Lessons 1.4, 1.5, 1.7–1.11)
- 1d. Compare pairs of numbers less than 16**  
(Developing/Secure) (Lessons 1.2–1.4, 1.6, 1.7, 1.10)
- 1e. Write and count tallies**  
(Developing) (Lessons 1.2, 1.7, 1.8, 1.12)
- 1f. Count up and back by 1s, starting with any number up to and including 20**  
(Secure) (Lessons 1.1–1.5, 1.7, 1.9–1.11)
- 1g. Count 20 or more objects**  
(Secure) (Lessons 1.1–1.5, 1.8, 1.10, 1.13)

# Unit 2

- 2a. Calculate the values of combinations of pennies and nickels**  
(Developing/Secure) (Lessons 2.10–2.13)
- 2b. Find complements of 10**  
(Developing) (Lessons 2.3, 2.10, 2.12)
- 2c. Solve addition and subtraction number stories**  
(Developing) (Lessons 2.6–2.8, 2.10, 2.12, 2.13)
- 2d. Count up and back by 1s on the number grid**  
(Developing/Secure) (Lessons 2.1–2.4)
- 2e. Tell time to the nearest hour**  
(Developing/Secure) (Lessons 2.5, 2.6, 2.13)
- 2f. Exchange pennies for nickels**  
(Developing/Secure) (Lessons 2.9–2.11, 2.13)
- 2g. Count by 2s to 40. Count by 5s to 50**  
(Developing/Secure) (Lesson 2.2, 2.4, 2.7, 2.9, 2.10, 2.13)

# Unit 3

- 3a. Complete Frames-and-Arrows diagrams**  
(Beginning/Developing) (Lessons 3.8, 3.9, 3.11)
- 3b. Identify and complete patterns**  
(Developing) (Lessons 3.1–3.5, 3.13, 3.14)
- 3c. Solve addition and subtraction problems by skip counting on the number line and the number grid**  
(Developing) (Lessons 3.3–3.7, 3.9)
- 3d. Identify numbers as even or odd**  
(Developing) (Lessons 3.2–3.5, 3.13, 3.14)
- 3e. Know the values of pennies, nickels, and dimes, and calculate the values of combinations of these coins**  
(Developing) (Lessons 3.2, 3.4, 3.10–3.13)
- 3f. Tell time to the nearest half-hour**  
(Developing) (Lessons 3.5, 3.7, 3.8)
- 3g. Solve addition and subtraction number stories**  
(Developing) (Lessons 3.6, 3.11–3.13)

# Unit 4

- 4a. Use standard units for measuring length**  
(Developing) (Lessons 4.3–4.7)
- 4b. Find sums and missing addends**  
(Developing) (Lessons 4.1, 4.2, 4.5–4.9, 4.11, 4.12)
- 4c. Calculate the values of combinations of pennies, nickels, and dimes**  
(Developing) (Lessons 4.3, 4.10)
- 4d. Solve addition and subtraction number stories**  
(Developing) (Lessons 4.3, 4.6, 4.7, 4.9)
- 4e. Order and compare numbers to 22**  
(Developing/Secure) (Lessons 4.1, 4.5, 4.8, 4.11, 4.12)
- 4f. Tell time to the nearest half-hour**  
(Developing/Secure) (Lessons 4.4, 4.5, 4.8, 4.9)

# Unit 5

- 5a. Find missing numbers and/or the missing rule in “What’s My Rule?” problems**  
(Beginning/Developing) (Lessons 5.10, 5.12, 5.13)
  
- 5b. Understand place value for tens and ones**  
(Developing) (Lessons 5.1–5.5, 5.8, 5.9, 5.12, 5.13)
  
- 5c. Compare numbers using  $<$  and  $>$**   
(Developing) (Lessons 5.3, 5.6–5.9, 5.12, 5.13)
  
- 5d. Know  $+ 1$ ,  $+0$ , doubles, and sums of 10 addition facts**  
(Developing) (Lessons 5.4, 5.5, 5.7, 5.9–5.11)
  
- 5e. Solve addition and subtraction number stories**  
(Developing) (Lessons 5.6–5.11)

# Unit 6

- 6a. Measure objects to the nearest centimeter**  
(Beginning) (Lessons 6.6, 6.7, 6.9)
  
- 6b. Understand digital notation for time**  
(Beginning) (Lessons 6.10, 6.11)
  
- 6c. Know addition facts**  
(Beginning/Developing) (Lessons 6.1–6.5, 6.7, 6.11, 6.12)
  
- 6d. Calculate the values of combinations of pennies, nickels, dimes, and quarters**  
(Beginning/Developing) (Lessons 6.8–6.10, 6.12)
  
- 6e. Find equivalent names for a number**  
(Developing) (Lessons 6.2, 6.3)

# Unit 7

**7a. Identify 3-dimensional shapes and know their characteristics**

(Beginning) (Lessons 7.5–7.7)

**7b. Identify symmetrical figures**

(Beginning) (Lesson 7.7)

**7c. Sort and identify objects by attributes**

(Developing) (Lessons 7.1, 7.2)

**7d. Identify polygons and know their characteristics**

(Developing/Secure) (Lessons 7.3, 7.4, 7.6, 7.7)

**7e. Know addition facts**

(Developing) (Lessons 7.2, 7.6)



# Unit 8

- 8a. Make change for amounts less than \$1**  
(Beginning) (Lesson 8.5)
  
- 8b. Identify fractional parts of regions and sets with a focus on unit fractions**  
(Beginning/Developing) (Lessons 8.6–8.9)
  
- 8c. Calculate the values of combinations of pennies, nickels, dimes and quarters**  
(Developing/Secure) (Lessons 8.1, 8.2, 8.7)
  
- 8d. Solve addition and subtraction number stories**  
(Developing/Secure) (Lesson 8.4)
  
- 8e. Understand place value for tens and ones**  
(Developing/Secure) (Lessons 8.1–8.5, 8.8)
  
- 8f. Know addition facts**  
(Developing/Secure) (Lessons 8.8, 8.9)

# Unit 9

- 9a. Solve 2-digit addition and subtraction problems**  
(Beginning) (Lessons 9.2–9.4)
- 9b. Compare fractions less than 1**  
(Beginning) (Lesson 9.7)
- 9c. Find equivalent fractions for given fractions**  
(Beginning) (Lesson 9.8)
- 9d. Identify fractional parts of a region**  
(Beginning/Developing) (Lessons 9.6–9.8)
- 9e. Identify and use patterns on the number grid**  
(Developing/Secure) (Lessons 9.1–9.4, 9.7)

# Unit 10

## Review Objectives

- 10a. Make a line plot of a set of data and find the mode and median of a set of data (Lesson 10.1)**
- 10b. Review telling time on an analog clock and writing times in digital notation; practice alternate ways of naming times; and calculate elapsed times (Lesson 10.2)**
- 10c. Review showing amounts of money with coins and solve number stories involving addition of 2-digit numbers (Lesson 10.3)**
- 10d. Solve comparison number stories and calculate amounts of change from purchases (Lesson 10.4)**
- 10e. Review the names and some of the characteristics of polygons and the names of the basic 3-dimensional shapes (Lesson 10.5)**
- 10f. Review temperature readings in degrees Fahrenheit and use the information on a map to find temperature differences (Lesson 10.6)**
- 10g. Review place value through hundreds (Lesson 10.7)**