

Second Grade

Everyday Mathematics[®]

Learning Goals

Unit 1

- 1a. Calculate the values of coin and bill combinations**
(Developing) (Lessons 1.2, 1.6)
- 1b. Know addition facts for sums to 10**
(Developing/Secure) (Lessons 1.2)
- 1c. Identify place value for ones, tens, and hundreds**
(Developing) (Lessons 1.9)
- 1d. Complete number sequences; identify and use number patterns to solve problems**
(Developing) (Lessons 1.1, 1.8)
- 1e. Find equivalent names for numbers**
(Developing) (Lessons 1.10, 1.11)
- 1f. Compare numbers; write the symbol $<$, $>$, or $=$**
(Developing) (Lessons 1.12)
- 1g. Count by 2s, 5s, and 10s**
(Secure) (Lesson 1.11)
- 1h. Make tallies and give the total**
(Secure) (Lesson 1.5)

Unit 2

- 2a. Know “harder” subtraction facts**
(Developing) (Lesson 2.13)
- 2b. Know “harder” addition facts**
(Developing/Secure) (Lessons 2.4, 2.5)
- 2c. Know “easier” subtraction facts**
(Developing/Secure) (Lessons 2.8, 2.12)
- 2d. Complete “What’s My Rule?” tables**
(Developing/Secure) (Lesson 2.11)
- 2e. Solve subtraction number stories**
(Developing/Secure) (Lesson 2.6)
- 2f. Know “easier” addition facts**
(Secure) (Lessons 2.2, 2.3, 2.8)
- 2g. Construct fact families for addition and subtraction**
(Developing/Secure) (Lessons 2.6, 2.8)
- 2h. Complete simple Frames-and-Arrows diagrams**
(Secure) (Lesson 2.10)
- 2i. Solve addition number stories**
(Secure) (Lesson 2.1)
- 2j. Find equivalent names for numbers**
(Secure) (Lesson 2.9)

Unit 3

- 3a. Solve Frames-and-Arrows problems having two rules**
(Developing) (Lesson 3.6)
- 3b. Make change**
(Developing) (Lessons 3.2, 3.7, 3.8)
- 3c. Know “harder” subtraction facts**
(Developing) (Lesson 3.5)
- 3d. Tell time to 5-minute intervals**
(Developing/Secure) (Lessons 3.3, 3.4)
- 3e. Identify place value in 2-digit and 3-digit numbers**
(Developing/Secure) (Lessons 3.1, 3.4)
- 3f. Show “P,” “N,” “D,” and “Q,” for given amount**
(Secure) (Lesson 3.2)
- 3g. Know addition facts**
(Secure) (Lesson 3.5)
- 3h. Know “easier” subtraction facts**
(Secure) (Lesson 3.5)

Unit 4

- 4a. Devise and use strategies for finding sums of 2-digit numbers**
(Developing) (Lessons 4.1, 4.6–4.9)

- 4b. Devise and use strategies for finding differences of 2-digit numbers**
(Developing) (Lessons 4.4)

- 4c. Estimate approximate costs and sums**
(Developing) (Lessons 4.5, 4.8)

- 4d. Read read °F on a thermometer**
(Developing) (Lessons 4.3, 4.4)

- 4e. Add and subtract with multiples of 10**
(Developing/Secure) (Lessons 4.1–4.3, 4.6–4.9)

Unit 5

- 5a. Identify 3-dimensional shapes, such as rectangular prisms, cylinders, pyramids, cones and spheres**
(Developing) (Lessons 5.7, 5.8)

- 5b. Identify symmetrical figures**
(Developing) (Lesson 5.9)

- 5c. Find common attributes of shapes**
(Developing) (Lessons 5.1, 5.2)

- 5d. Identify parallel and nonparallel line segments**
(Developing) (Lesson 5.5)

- 5e. Draw line segments**
(Developing/Secure) (Lessons 5.4, 5.5)

- 5f. Identify 2-dimensional shapes**
(Secure) (Lessons 5.2, 5.3, 5.6)

Unit 6

- 6a. Solve stories about multiples of equal groups**
(Beginning/Developing) (Lessons 6.8, 6.9, 6.11)
- 6b. Solve equal-grouping and equal-sharing division problems**
(Beginning/Developing) (Lessons 6.11, 6.12)
- 6c. Use the trade-first method to solve 2-digit subtraction problems**
(Developing) (Lessons 6.6, 6.10, 6.12)
- 6d. Make ballpark estimates of exact answers**
(Developing) (Lessons 6.1, 6.4, 6.6, 6.7, 6.10, 6.11)
- 6e. Model multiplication problems with arrays**
(Developing) (Lessons 6.9, 6.10)
- 6f. Add three 2-digit numbers mentally**
(Developing) (Lessons 6.1, 6.5, 6.10)
- 6g. Add and subtract with multiples of 10**
(Developing/Secure) (Lessons 6.1, 6.5, 6.10)
- 6h. Solve addition and subtraction number stories**
(Developing/Secure) (Lessons 6.2–6.4, 6.7)
- 6i. Add three 1-digit numbers mentally**
(Secure) (Lessons 6.1, 6.4, 6.7)

Unit 7

- 7a. Find missing addends for any multiple of 10**
(Developing) (Lesson 7.3)
- 7b. Find the median (middle value) of a data set**
(Developing) (Lesson 7.8)
- 7c. Add three 2-digit numbers mentally**
(Developing) (Lesson 7.4)
- 7d. Measure to the nearest inch**
(Developing/Secure) (Lesson 7.7)
- 7e. Measure to the nearest centimeter**
(Developing/Secure) (Lesson 7.7)
- 7f. Know complements of 10**
(Secure) (Lesson 7.3)
- 7g. Count by 2s, 5s, and 10s and describe the patterns**
(Secure) (Lesson 7.1)
- 7h. Find missing addends for the next multiple of 10**
(Secure) (Lesson 7.2)
- 7i. Solve number-grid puzzles**
(Secure) (Lesson 7.2)
- 7j. Plot data on a bar graph**
(Secure) (Lesson 7.9)

Unit 8

- 8a. Compare fractions less than one**
(Beginning/Developing) (Lessons 8.5-8.7)
- 8b. Understand fractions as names for equal parts of a region or set**
(Developing) (Lesson 8.1–8.3 8.7)
- 8c. Understand that the amount represented by a fraction depends on the size of the whole (ONE)**
(Developing) (Lessons 8.2, 8.3, 8.7)
- 8d. Shade a specified fractional part of a set**
(Developing) (Lessons 8.3, 8.5)
- 8e. Give the fraction name for the shaded part of a set**
(Developing) (Lessons 8.3)
- 8f. Find the equivalent fractions for given fractions**
(Developing) (Lessons 8.4–8.6)
- 8g. Shade a specified fractional part of a region**
(Developing) (Lessons 8.1, 8.4)
- 8h. Give the fraction name for the shaded part of a region**
(Developing) (Lessons 8.1, 8.3, 8.5)

Unit 9

- 9a. Identify equivalences for mm, cm, dm, and m**
(Beginning/Developing) (Lessons 9.2, 9.3, 9.5, 9.9)
- 9b. Measure to the nearest $\frac{1}{2}$ inch**
(Developing) (Lesson 9.3)
- 9c. Measure to the nearest $\frac{1}{2}$ cm**
(Developing) (Lesson 9.3)
- 9d. Use appropriate units for measurement and recognize sensible measurements**
(Developing) (Lessons 9.1–9.6, 9.9, 9.10)
- 9e. Find area concretely**
(Developing) (Lessons 9.7, 9.8)
- 9f. Find perimeter concretely**
(Developing) (Lessons (9.4, 9.5, 9.8)
- 9g. Identify equivalences for inches, feet, and yards**
(Developing) (Lessons 9.2, 9.9)
- 9h. Use a ruler, tape measure, on meter/yardstick correctly**
(Developing/Secure) (Lessons 9.1–9.4)

Unit 10

- 10a. Use parentheses in number models**
(Beginning) (Lesson 10.11)
- 10b. Solve money stories involving change**
(Developing) (Lessons 10.6, 10.8)
- 10c. Estimate totals for “ballpark” check of exact answers**
(Developing) (Lessons 10.5, 10.6, 10.8, 10.9)
- 10d. Know and express automatically the values of digits in 5-digit numbers**
(Developing) (Lessons 10.10, 10.11)
- 10e. Read and write money amounts in decimal notation**
(Developing/Secure) (Lessons 10.2–10.4,10.6)
- 10f. Use equivalent coins to show money amounts in different ways**
(Secure) (Lesson 10.1)
- 10g. Use a calculator to compute money amounts**
(Secure) (Lessons 10.3, 10.4, 10.7)
- 10h. Exchange pennies, nickels, dimes, and quarters**
(Secure) (Lessons 10.2, 10.8, 10.10)
- 10i. Know and express automatically the values of digits in 2-, 3-, and 4-digit numbers**
(Developing/Secure) (Lessons10.8–10.11)

Unit 11

- 11a. Estimate and solve addition and subtraction number stories with dollars and cents**
(Developing) (Lessons 11.1, 11.2)
- 11b. Solve 1-digit multiplication stories (multiples of equal groups)**
(Developing) (Lessons 11.3, 11.7)
- 11c. Solve simple division stories (equal sharing and equal grouping)**
(Developing) (Lessons 11.4, 11.7)
- 11d. Multiply numbers with 2, 5, or 10 as a factor**
(Developing) (Lessons 11.5–11.9)
- 11e. Construct multiplication/division fact families**
(Developing) (Lessons 11.7, 11.8)
- 11f. Make difference and ratio comparisons**
(Developing) (Lessons 11.2, 11.9)
- 11g. Multiply numbers with 0 or 1 as a factor**
(Secure) (Lesson 11.6)

Unit 12

- 12a. Use alternate names for times of day**
(Beginning) (Lesson 12.2)
- 12b. Know “harder” multiplication facts**
(Beginning) (Lesson 12.5)
- 12c. Determine the mode of a data set**
(Beginning) (Lesson 12.7)
- 12d. Determine the median, maximum, minimum and range of a data set**
(Developing) (Lessons 12.6, 12.7)
- 12e. Construct multiplication/division fact families**
(Developing/Secure) (Lessons 12.1, 12.5)
- 12f. Multiply numbers with 2, 5, and 10 as a factor**
(Developing/Secure) (Lesson 12.4)
- 12g. Tell time to 5-minute intervals**
(Secure) (Lessons 12.1, 12.2)
- 12h. Demonstrate calendar concepts and skills**
(Secure) (Lesson 12.1)
- 12i. Compare quantities from a bar graph**
(Secure) (Lessons 12.6, 12.7)