Math 1, 5th Edition • Lesson Plan Overview

Chapter 1: Numbers to 10

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| Pages | Objectives | Resources | Assessments |
| Lesson 1 Using Numbers Zero, One, Two & Three | | | |
| Teacher Edition  3–7  Worktext  2–4 | 1.1 Identify the numbers, dot patterns, and number words for 0–3.  1.2 Write numbers 0–3.  1.3 Make sets of objects to represent numbers 0–3.  1.4 Identify tally marks 1–3.  1.5 Recall why people count.  BWS Exploring (recall) | Visuals   * Number Cards: 0–3 * Dot Pattern Cards: 0–3 * Shapes Kit: 1 circle   Student Manipulatives Packet   * Shapes Kit: 3 circles * Red Mat   BJU Press Trove\*   * Video: Ch 1 Intro * PowerPointⓇ presentation | Reviews   * Pages 1–2 |
| Lesson 2 Using Numbers Four, Five & the Ordinal Numbers | | | |
| Teacher Edition  8–11  Worktext  5–6 | 2.1 Identify the numbers, dot patterns, and number words for 4–5.  2.2 Write numbers 4–5.  2.3 Make sets of objects to represent numbers 4–5.  2.4 Compare sets of up to 5 objects by using representations.  2.5 Sequence numbers 0–5 forward and backward.  2.6 Identify ordinal positions first to fifth.  2.7 Locate ordinal positions first to fifth. | Visuals   * Number Cards: 0–5 * Dot Pattern Cards: 0–5 * Shapes Kit: 1 rectangle   Student Manipulatives Packet   * Number Cards: 0–5 * Shapes Kit: 9 rectangles * Red Mat   BJU Press Trove   * PowerPointⓇ presentation | Reviews   * Pages 3–4 |
| Lesson 3 Using Numbers Six, Seven, Eight & Nine | | | |
| Teacher Edition  12–15  Worktext  7–8 | 3.1 Identify tally marks 1–5.  3.2 Identify the numbers, dot patterns, and number words for 6–9.  3.3 Make sets of up to 9 objects.  3.4 Compare sets of up to 9 objects by using representations.  3.5 Write numbers 6–9. | Visuals   * Number Cards 0–9 * Dot Pattern Cards: 0–9 * Shapes Kit: 10 squares, 10 circles   Student Manipulatives Packet   * Number Cards: 0–9 * Red Mat   BJU Press Trove   * Web Link: Virtual Manipulatives: UnifixⓇ Cubes * PowerPointⓇ presentation | Reviews   * Pages 5–6 |

\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources | Assessments |
| Lesson 4 Using Ten & Even Numbers | | | |
| Teacher Edition  16–19  Worktext  9–10 | 4.1 Identify the number, dot pattern, and number word for 10.  4.2 Make sets of 10 objects to determine names for 10.  4.3 Identify even and odd numbers up to 10.  4.4 Write numbers 0–10 in order.  4.5 Explain how God made people to count.   BWS Exploring (explain) | Visuals   * Number Cards: 0–10 * Dot Pattern Cards: 10 * Shapes Kit: 1 red triangle, 1 blue triangle, 1 blue square, 1 green rectangle, 1 yellow circle * Counters: 10 ducks   Student Manipulatives Packet   * Counters: 10 ducks * Red Mat   BJU Press Trove   * Web Link: Connect the Dots 1–10 * PowerPointⓇ presentation | Reviews   * Pages 7–8 |
| Lesson 5 Chapter 1 Review | | | |
| Teacher Edition  20–23  Worktext  11–12 | 5.1 Recall concepts and terms from Chapter 1. | Visuals   * Number Cards: 0–20 * Dot Pattern Cards: 0–10 * Shapes Kit: 1 blue triangle, 1 green square, 1 red rectangle, 1 yellow circle, 1 blue circle   Student Manipulatives Packet   * Number Cards: 0–10 * Money Kit: 20 pennies * Red Mat   BJU Press Trove   * PowerPointⓇ presentation | Worktext   * Chapter 1 Review   Reviews   * Pages 9–10 |
| Lesson 6 Test, Cumulative Review | | | |
| Teacher Edition  24–26  Worktext  13 | 6.1 Demonstrate knowledge of concepts from Chapter 1 by taking the test. |  | Assessments   * Chapter 1 Test   Worktext   * Cumulative  Review   Reviews   * Pages 11–12 |

Chapter 2: Numbers to 20

| Pages | Objectives | Resources | Assessments |
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| Lesson 7 Using Eleven & Twelve | | | |
| Teacher Edition  29–33  Worktext  14–16 | 7.1 Identify the numbers and number words for 11–12.  7.2 Write numbers 11–12.  7.3 Match numbers 11 and 12 to sets of objects.  7.4 Identify 12 objects as 1 dozen.  7.5 Make sets of 11 and 12 objects.  7.6 Recall how sets help people work.  BWS Work (recall) | Visuals   * Number Cards: 1–5, 11–12 * Visual 15: Clock   Student Manipulatives Packet   * Counters: 12 ducks * Shapes Kit: 12 yellow circles   BJU Press Trove\*   * Video: Ch 2 Intro * PowerPointⓇ presentation | Reviews   * Pages 13–14 |
| Lesson 8 Using Thirteen, Fourteen; Ordinal Numbers | | | |
| Teacher Edition  34–37  Worktext  17–18 | 8.1 Identify the numbers and number words for 13–14.  8.2 Write numbers 13–14.  8.3 Make sets of 13 and 14 objects.  8.4 Identify ordinal positions first to tenth.  8.5 Locate ordinal positions first to tenth. | Visuals   * Number Cards: 0–14 * Dot Pattern Cards: 0–10 * DQ Puppet   Student Manipulatives Packet   * Ten Bar Mat   BJU Press Trove   * PowerPointⓇ presentation | Reviews   * Pages 15–16 |
| Lesson 9 Using Fifteen, Sixteen; Pictograph | | | |
| Teacher Edition  38–41  Worktext  19–20 | 9.1 Identify the numbers and number words for 15–16.  9.2 Write numbers 15–16.  9.3 Match objects by one-to-one  correspondence.  9.4 Compare numbers in different sets.  9.5 Interpret a pictograph. | Visuals   * Visual 1: Hundred Chart * Visual 22: Pictograph * Dot Pattern Cards: 0–10 * Number Cards: 15–16 * DQ Puppet * Counters: 14 ducks   Student Manipulatives Packet   * Counters: 16 ducks for each pair of students   BJU Press Trove   * Web Link: Virtual Manipulatives:  Number Chart * PowerPointⓇ presentation | Reviews   * Pages 17–18 |

\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 10 Using Seventeen, Eighteen; Bar Graph | | | |
| Teacher Edition  42–45  Worktext  21–22 | 10.1 Identify the numbers and number words for 17–18.  10.2 Write numbers 17–18.  10.3 Make sets of 17 and 18 objects.  10.4 Identify numbers before and after a given number.  10.5 Interpret a bar graph.  10.6 Explain how bar graphs help people work.  BWS Work (explain) | Teacher Edition   * Instructional Aid 1: Bar Graph   Visuals   * Visual 1: Hundred Chart * Visual 23: Bar Graph * Number Cards: 17–18 * Shapes Kit: 30 shapes (an assortment of circles, rectangles, and triangles)   Student Manipulatives Packet   * Ten Bar Mat   BJU Press Trove   * Web Link: Connect the Dots 1–20 * Web Link: Comparing Number Values * PowerPointⓇ presentation | Reviews   * Pages 19–20 |
| Lesson 11 Using Nineteen, Twenty; Even & Odd Numbers | | | |
| Teacher Edition  46–49  Worktext  23–24 | 11.1 Identify the numbers and number words for 19–20.  11.2 Write numbers 19–20.  11.3 Sequence numbers 1–20.  11.4 Make sets of 1–10 objects.  11.5 Compare sets of 1–10 objects.  11.6 Make sets of 19–20 objects.  11.7 Identify even and odd numbers 11–20. | Visuals   * Number Cards: 1–20 * Money Kit: 30 pennies, 3 dimes   Student Manipulatives Packet   * Red Mat   BJU Press Trove   * Web Link: Numerical Order * PowerPointⓇ presentation | Reviews   * Pages 21–22 |
| Lesson 12 Chapter 2 Review | | | |
| Teacher Edition  50–53  Worktext  25–26 | 12.1 Recall concepts and terms from Chapter 2. | Visuals   * Visual 1: Hundred Chart * Number Cards: 1–20 * DQ Puppet * Counters: 20 ducks   BJU Press Trove   * PowerPointⓇ presentation | Worktext   * Chapter 2 Review   Reviews   * Pages 23–24 |

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| Pages | Objectives | | Resources | | Assessments | |
| Lesson 13 Test, Cumulative Review | | | | | |
| Teacher Edition  54–56  Worktext  27 | 13.1 Demonstrate knowledge of  concepts from Chapter 2 by  taking the test. |  | | Assessments   * Chapter 2 Test   Worktext   * Cumulative Review   Reviews   * Pages 25–26 | |

Chapter 3: Addition Facts to 6

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 14 Complete Addition Sentences | | | |
| Teacher Edition  59–63  Worktext  28–30 | 14.1 Identify plus and equals signs.  14.2 Model addition word problems by joining sets.  14.3 Apply the Zero Principle of Addition to add.  14.4 Write an addition sentence for a word problem.  14.5 Recall that adding helps people care for others.  BWS Caring (recall) | Visuals   * Visual 1: Hundred Chart * Counters: 6 white ducks, 6 brown ducks   Student Manipulatives Packet   * Counters: 6 white ducks, 6 brown ducks * Red Mat   BJU Press Trove\*   * Video: Ch 3 Intro * PowerPointⓇ presentation | Reviews   * Pages 27–28 |
| Lesson 15 Write Addition Sentences | | | |
| Teacher Edition  64–67  Worktext  31–32 | 15.1 Write an addition sentence for sets of objects.  15.2 Model addition word problems by joining sets.  15.3 Compose a word problem by using objects. | BJU Press Trove   * PowerPointⓇ presentation | Reviews   * Pages 29–30 |
| Lesson 16 Draw Pictures to Add | | | |
| Teacher Edition  68–71  Worktext  33–34 | 16.1 Write an addition sentence for a word problem.  16.2 Compose a word problem by using pictures.  16.3 Solve a word problem by drawing pictures. | Visuals   * Visual 1: Hundred Chart * Dot Pattern Cards: 2–10 * Number Cards: 0–6 * Counters: 6 cars   Student Manipulatives Packet   * Number Cards: 0–6 * Sign Cards: plus sign, equals sign   BJU Press Trove   * PowerPointⓇ presentation | Reviews   * Pages 31–32 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 17 Addition | | | |
| Teacher Edition  72–75  Worktext  35–36 | 17.1 Complete an addition problem in vertical form.  17.2 Add by using dot patterns 1–6. | Visuals   * Counters: 6 ducks * Money Kit: 6 pennies   Student Manipulatives Packet   * Money Kit: 6 pennies   BJU Press Trove   * PowerPointⓇ presentation | Reviews   * Pages 33–34 |
| Lesson 18 Addition Names for 4, 5 & 6 | | | |
| Teacher Edition  76–79  Worktext  37–38 | 18.1 Apply the Order Principle of Addition to add.  18.2 Join sets to add 4, 5, and 6. | Visuals   * Visual 1: Hundred Chart * Number Cards: 0–6 * Sign Cards: plus sign, equals sign * Shapes: 6 yellow circles, 6 blue circles, 3 red squares, 1 red triangle   Student Manipulatives Packet   * Ten Bar Mat   BJU Press Trove   * Video: Add 4, 5, 6 * PowerPointⓇ presentation | Reviews   * Pages 35–36 |
| Lesson 19 Order of Addends | | | |
| Teacher Edition  80–83  Worktext  39–40 | 19.1 Apply the Order Principle of Addition to add.  19.2 Solve addition problems by using strategies.  19.3 Represent a word problem.  19.4 Explain how addition helps people care for others.   BWS Caring (explain) | Visuals   * Number Cards: 0–20 * Sign Cards: plus sign, equals sign * Shapes: 6 yellow triangles, 6 blue triangles   BJU Press Trove   * PowerPointⓇ presentation | Reviews   * Pages 37–38 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 20 Chapter 3 Review | | | |
| Teacher Edition  84–87  Worktext  41–42 | 20.1 Recall concepts and terms from Chapter 3. | Visuals   * Visual 1: Hundred Chart * Counters: 6 white ducks, 6 brown ducks   Student Manipulatives Packet   * Red Mat * Counters: 6 white ducks, 6 brown ducks   BJU Press Trove   * PowerPointⓇ presentation | Worktext   * Chapter 3 Review   Reviews   * Pages 39–40 |
| Lesson 21 Test, Cumulative Review | | | |
| Teacher Edition  88–90  Worktext  43 | 21.1 Demonstrate knowledge of concepts from Chapter 3 by taking the test. |  | Assessments   * Chapter 3 Test   Worktext   * Cumulative Review   Reviews   * Pages 41–42 |

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| Chapter 4: Place Value: Two-Digit Numbers | | | |
| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 22 Tens & Ones in Numbers to 50 | | | |
| Teacher Edition  95–99  Worktext  44–46 | 22.1 Count 1–50.  22.2 Identify numbers 1–50 and numbers that come **before** and **after**.  22.3 Count decade numbers to 100.  22.4 Make sets of up to 50 objects by using a Hundred Chart.  22.5 **Count on** by ones from a decade number.  22.6 Represent a set of tens and ones by using Number Cards.  22.7 Recall that counting helps people explore God’s world.  BWS Exploring (recall) | Teacher Edition   * Instructional Aid 2: Hundred Chart   Visuals   * Visual 1: Hundred Chart * Visuals 2–11: Ten to One Hundred * Shapes Kit: 4 yellow circles   Student Manipulatives Packet   * Number Cards: 0–9   BJU Press Trove\*   * Video: Ch 4 Intro * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 43–44 |
| Lesson 23 Expanded Form; Even & Odd | | | |
| Teacher Edition  100–103  Worktext  47–48 | 23.1 Represent a set of tens and ones by using Number Cards.  23.2 Read the expanded form of a  number.  23.3 Make sets of up to 50 objects by using UNIFIXⓇ Cubes.  23.4 Identify even and odd numbers  up to 50. | Visuals   * Visuals 2–11: Ten to One Hundred * DQ Puppet   Student Manipulatives Packet   * Number Cards: 0–9 * Tens/Ones Mat   BJU Press Trove   * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 45–46 |
| Lesson 24 Greater Than & Less Than | | | |
| Teacher Edition  104–7  Worktext  49–50 | 24.1 Represent a set of tens and ones by using Number Cards.  24.2 Write the expanded form of a number.  24.3 Identify the greater of 2 numbers up to 50.  24.4 Identify the lesser of 2 numbers  up to 50. | Visuals   * Visual 1: Hundred Chart * Place Value Kit: Tens, Ones * Sign Cards: Greater than, Less than   Student Manipulatives Packet   * Number Cards: 0–9   BJU Press Trove   * Video: Greater and Lesser * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 47–48 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 25 Tens & Ones in Numbers to 100 | | | |
| Teacher Edition  108–11  Worktext  51–52 | 25.1 Write numbers 1–100.  25.2 Make sets of up to 100 objects by using dimes and pennies.  25.3 Represent a set of dimes and  pennies by using Number Cards.  25.4 Write the expanded form of  a number. | Teacher Edition   * Instructional Aid 2: Hundred Chart   Visuals   * Visual 1: Hundred Chart * Money Kit: 9 dimes, 12 pennies   Student Manipulatives Packet   * Number Cards: 0–9 * Money Kit: 9 dimes, 25 pennies   BJU Press Trove   * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 49–50 |
| Lesson 26 Greater Than & Less Than with Numbers to 100 | | | |
| Teacher Edition  112–15  Worktext  53–54 | 26.1 Make sets of up to 100 objects by using dimes and pennies.  26.2 Identify even and odd numbers  up to 100.  26.3 Interpret a pictograph to compare numbers.  26.4 Compare numbers by using the  greater-than and less-than signs. | Teacher Edition   * Instructional Aid 3: Pictograph   Visuals   * Money Kit: 9 dimes, 9 pennies * Sign Cards: Greater than, Less than   Student Manipulatives Packet   * Number Cards: 0–6 * Tens/Ones Mat * Money Kit: 9 dimes, 9 pennies   BJU Press Trove   * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews  Pages 51–52 |

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| Pages | Objectives | | Resources & Materials | Assessments | |
| Lesson 27 Counting by 1s, 5s & 10s | | | | | |
| Teacher Edition  116–19  Worktext  55–56 | 27.1 Count by 1s, 5s, and 10s to 100.  27.2 Skip count on a number line.  27.3 Complete a number pattern.  27.4 Explain how counting by 1s, 5s,  or 10s helps people explore  God’s world.  BWS Exploring (explain) | | Teacher Edition   * Instructional Aid 4: Number Patterns   Visuals   * Visual 1: Hundred Chart * Money Kit: 10 dimes, 10 nickels * Shapes Kit: 4 red circles, 5 yellow circles * Number Line   Student Manipulatives Packet   * Number Cards: 0–9 * DQ Puppet * Number Line   BJU Press Trove   * Video: Skip Counting * Web Link: Virtual Manipulatives: Number Line * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 53–54 | |
| Lessons 28–29 Introducing Hundreds | | | | | |
| Teacher Edition  120–23  Worktext  57–58 | 28–29.1 Count numbers 101–110.  28–29.2 Rename 10 ones as 1 ten.  28–29.3 Represent numbers 100–130 by using manipulatives. | Visuals   * Place Value Kit: Hundreds, Tens, Ones   Student Manipulatives Packet   * Place Value Kit: Hundreds, Tens, Ones * Hundreds/Tens/Ones Mat   BJU Press Trove   * Video: Hundreds * PowerPointⓇ presentation | | | Reviews   * Pages 55–56 |
| Lesson 30 Representing Hundreds | | | | | |
| Teacher Edition  124–27  Worktext  57–58 | 30.1 Count by 100s to 1,000.  30.2 Represent 3-digit numbers  by using manipulatives. | Visuals   * Place Value Kit: Hundreds, Tens, Ones   Student Manipulatives Packet   * Place Value Kit: Hundreds, Tens, Ones * Hundreds/Tens/Ones Mat   BJU Press Trove   * PowerPointⓇ presentation | | | Reviews   * Pages 57–58 |

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| Pages | Objectives | | Resources & Materials | | Assessments | |
| Lesson 31 Chapter 4 Review | | | | | | |
| Teacher Edition  128–31  Worktext  61–62 | 31.1 Recall concepts and terms from Chapter 4. | Teacher Edition   * Instructional Aid 4: Number Patterns   Visuals   * Visual 1: Hundred Chart * Visuals 2–11: Ten to One Hundred * Sign Cards: Greater than, Less than   Student Manipulatives Packet   * Number Cards: 0–9   BJU Press Trove   * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | | | | Worktext   * Chapter 4 Review   Reviews   * Pages 59–60 |
| Lesson 32 Coding: Following Steps | | | | | | |
| Teacher Edition  132–35  Worktext  63–64 | 32.1 Identify coding terms.  32.2 Compose an algorithm.  32.3 Write a program.  32.4 Debug a program.  32.5 Follow the Engineering Design  Process to solve a problem.  32.6 Explain why a person can solve a problem by thinking like an  engineer.  BWS Exploring (explain) | Teacher Edition   * Instructional Aid 5: STEM Engineering Design Process * Instructional Aid 6: DQ’s Library Books   Visuals   * DQ Puppet * Counters: 6 duck tracks   Student Manipulatives Packet   * Counters: 6 duck tracks   BJU Press Trove   * PowerPointⓇ presentation | | | | Teacher Edition   * Instructional Aid 7: Coding Rubric: Following Steps |
| Lesson 33 Test, Cumulative Review | | | | | | |
| Teacher Edition  136–38  Worktext  65 | 33.1 Demonstrate knowledge of  concepts from Chapter 4 by taking the test. | |  | Assessments   * Chapter 4 Test   Worktext   * Cumulative  Review   Reviews   * Pages 61–62 | | |

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| Chapter 5: Subtraction Facts to 6 | | | |
| Pages | Objectives | Resources | Assessments |
| Lesson 34 Beginning Subtraction | | | |
| Teacher Edition  143–47  Worktext  66–68 | 34.1 Write a subtraction sentence for a word problem.  34.2 Identify the minus and equals signs.  34.3 Write a subtraction sentence for a set of objects.  34.4 Model subtraction by separating a set of manipulatives.  34.5 Explain how subtraction of sets of objects helps people do work.  BWS Working (explain) | Visuals   * Number Cards: 0–6 * Sign Cards: minus sign, equals sign * Counters: 6 candies   Student Manipulatives Packet   * Counters: 6 candies * Red Mat   BJU Press Trove\*   * Video: Ch 5 Intro * Games/Enrichment: Fact Reviews:  (Addition Facts to 6) * Games/Enrichment: Addition Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 63–64 |
| Lesson 35 Subtraction Sentences | | | |
| Teacher Edition  148–51  Worktext  69–70 | 35.1 Model subtraction by separating a set of manipulatives.  35.2 Compose a subtraction word problem.  35.3 Write a subtraction sentence for a set of objects.  35.4 Subtract by applying the Zero Principle of Subtraction. | Visuals   * Visual 1: Hundred Chart * DQ puppet * Counters: 6 ducks * Money Kit: 7 pennies   Student Manipulatives Packet   * Counters: 6 ducks * Duck Pond Mat   BJU Press Trove   * Games/Enrichment: Fact Reviews  (Addition Facts to 6) * Games/Enrichment: Addition Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 65–66 |

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| Pages | Objectives | Resources | Assessments |
| Lesson 36 Cross Out to Subtract | | | |
| Teacher Edition  152–55  Worktext  71–72 | 36.1 Write a subtraction sentence for a set of objects.  36.2 Write a subtraction sentence for a word problem.  36.3 Solve a word problem by drawing pictures. | Visuals   * Money Kit: 6 pennies   Student Manipulatives Packet   * Number Cards: 0–9 * Sign Cards: minus sign, equals sign   BJU Press Trove   * Games/Enrichment: Fact Reviews (Addition Facts to 6) * Games/Enrichment: Addition Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 67–68 |
| Lesson 37 Vertical Subtraction | | | |
| Teacher Edition  156–59  Worktext  73–74 | 37.1 Complete a subtraction problem in vertical form.  37.2 Subtract by using dot patterns 1–6. | Visuals   * Shape Kit: 6 yellow circles   Student Manipulatives Packet   * Shape Kit: 6 circles * Red Mat   BJU Press Trove   * Web Link: Virtual Manipulatives: UNIFIXⓇ Cubes * Games/Enrichment: Fact Reviews (Addition Facts to 6) * Games/Enrichment: Addition Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 69–70 |

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| Pages | Objectives | | Resources & Materials | | Assessments | |
| Lesson 38 Related Subtraction Facts | | | | | |
| Teacher Edition  160–63  Worktext  75–76 | 38.1 Model subtraction by separating UNIFIXⓇ Cubes.  38.2 Relate various subtraction facts.  38.3 Write a subtraction sentence for a word problem. | Visuals   * Visual 1: Hundred Chart * Shapes Kit: 6 red squares, 6 blue squares, 6 red triangles   Student Manipulatives Packet   * Red Mat * Number Cards: 0–6 * Dot Pattern Cards: 0–6 * Sign Cards: minus sign, equals sign   BJU Press Trove   * Video: Subtraction Sentences * Games/Enrichment: Fact Reviews (Addition Facts to 6) * Games/Enrichment: Addition Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | | Reviews   * Pages 71–72 | |
| Lesson 39 Number Names | | | | | |
| Teacher Edition  164–67  Worktext  77–78 | 39.1 Solve subtraction problems by using strategies.  39.2 Separate a set to model names for 0 and 3.  39.3 Solve a word problem by drawing pictures.  39.4 Write a subtraction sentence for a word problem.  39.5 Explain how subtraction helps people work.  BWS Working (explain) | Teacher Edition   * Instructional Aid 8: Names for 0 & 3   Student Manipulatives Packet   * Counters: 6 ducks   BJU Press Trove   * Games/Enrichment: Fact Reviews (Addition Facts to 6) * Games/Enrichment: Addition Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | | Reviews   * Pages 73–74 | |
| Lesson 40 Chapter 5 Review | | | | | |
| Teacher Edition  168–71  Worktext  79–80 | 40.1 Recall concepts and terms from Chapter 5. | Visuals   * Counters: 6 candies   Student Manipulatives Packet   * Counters: 6 candies * Red Mat   BJU Press Trove   * Games/Enrichment: Fact Reviews (Addition Facts to 6) * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | | Worktext   * Chapter 5 Review   Reviews   * Pages 75–76 | |

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| Pages | Objectives | | Resources & Materials | | Assessments | |
| Lesson 41 Test, Cumulative Review | | | | | |
| Teacher Edition  172–74  Worktext  81 | 41.1 Demonstrate knowledge of  concepts from Chapter 5 by taking the test. |  | | Assessments   * Chapter 5 Test   Worktext   * Cumulative  Review   Reviews   * Pages 77–78 | |

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| Chapter 6: Counting Coins | | | |
| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 42 Penny, Nickel, Dime | | | |
| Teacher Edition  179–83  Worktext  82–84 | 42.1 Identify pennies, nickels, dimes, and quarters.  42.2 Identify the value of a penny, a nickel, and a dime.  42.3 Recall how identifying pennies, nickels, and dimes helps others.  BWS Caring (Recall) | Visuals   * Visual 14: Money * Money Kit: 16 pennies, 1 nickel,  1 dime * Place Value Kit: 1 hundred, 10 tens,  10 ones   Student Manipulatives Packet   * Money Kit: 16 pennies, 1 nickel,  1 dime * Red Mat * Number Cards: 0–6   BJU Press Trove\*   * Video: Ch 6 Intro * Web Link: Learning Coins * Games/Enrichment: Fact Reviews  (Addition Facts to 6) * Games/Enrichment: Subtraction  Flashcards * PowerPointⓇ presentation | Reviews   * Pages 79–80 |
| Lesson 43 Count with Coins | | | |
| Teacher Edition  184–87  Worktext  85–86 | 43.1 Identify the value of a penny, a nickel, and a dime.  43.2 Count by 1s to determine the value of a set of pennies.  43.3 Count by 5s to determine the value of a set of nickels.  43.4 Count by 10s to determine the value of a set of dimes.  43.5 Determine whether there is enough money to purchase  an item. | Visuals   * Visual 1: Hundred Chart * Money Kit: 10 pennies, 10 nickels,  10 dimes   Student Manipulatives Packet   * Number Cards: 0–6 * Red Mat * Money Kit: 10 pennies, 10 nickels,  10 dimes   BJU Press Trove   * Video: Count Coins * Games/Enrichment: Fact Reviews  (Addition Facts to 6) * Games/Enrichment: Subtraction  Flashcards * PowerPointⓇ presentation | Reviews   * Pages 81–82 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 44 Counting Dimes & Pennies | | | |
| Teacher Edition  188–91  Worktext  87–88 | 44.1 Identify the value of a penny, a nickel, and a dime.  44.2 Determine the value of a set of dimes and pennies.  44.3 Determine whether there is enough money to purchase  an item.  44.4 Identify the number of tens and ones by using dimes and pennies. | Teacher Edition   * Instructional Aid 9: Price Tags   Visuals   * Visual 1: Hundred Chart * Money Kit: 10 pennies, 10 dimes   Student Manipulatives Packet   * Number Cards 0–6 * Red Mat * Money Kit: 10 dimes, 10 pennies   BJU Press Trove   * Video: Dimes and Pennies * Games/Enrichment: Fact Reviews  (Addition Facts to 6) * Games/Enrichment: Subtraction  Flashcards * PowerPointⓇ presentation | Reviews   * Pages 83–84 |
| Lesson 45 Probability; Counting Nickels & Pennies | | | |
| Teacher Edition  192–95  Worktext  89–90 | 45.1 Determine the value of a set of nickels and pennies.  45.2 Determine whether there is enough money to purchase a gift.  45.3 Predict the probability of choosing a nickel or a penny.  45.4 Tally the results of a probability activity.  45.5 Explain how you care for others by counting coins.  BWS Caring (Explain) | Visuals   * Visual 1: Hundred Chart * Money Kit: 10 pennies, 10 nickels   Student Manipulatives Packet   * Number Cards: 0–6 * Red Mat * Money Kit: 10 pennies, 10 nickels   BJU Press Trove   * Video: Probability * Games/Enrichment: Fact Reviews (Addition Facts to 6) * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 85–86 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 46 Chapter 6 Review | | | |
| Teacher Edition  196–99  Worktext  91–92 | 46.1 Recall concepts and terms from Chapter 6. | Visuals   * Visual 1: Hundred Chart * Visual 14: Money * Money Kit: 10 pennies, 10 nickels,  10 dimes   Student Manipulatives Packet   * Number Cards: 0–6 * Red Mat * Money Kit: 10 pennies, 10 nickels,  10 dimes   BJU Press Trove   * Games/Enrichment: Subtraction  Flashcards * PowerPointⓇ presentation | Worktext   * Chapter 6 Review   Reviews   * Pages 87–88 |
| Lesson 47 Test, Cumulative Review | | | |
| Teacher Edition  200–202  Worktext  93 | 47.1 Demonstrate knowledge of  concepts from Chapter 6 by  taking the test. |  | Assessments   * Chapter 6 Test   Worktext   * Cumulative  Review   Reviews   * Pages 89–90 |

Chapter 7: Addition Facts To 12

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 48 Count on 1 or 2 | | | |
| Teacher Edition  207–11  Worktext  94–96 | 48.1 Identify the addends and sum in an addition equation.  48.2 Complete an addition equation.  48.3 Add 1 or 2 by using a counting strategy. | Visuals   * Number Line   Student Manipulatives Packet   * Number Cards: 0–6 * Red Mat * Number Line * DQ Puppet   BJU Press Trove\*   * Video: Ch 7 Intro * Web Link: Addition with Manipulatives * Games/Enrichment: Fact Fun Activities * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 91–92 |
| Lesson 49 Zero & Order Principles | | | |
| Teacher Edition  212–15  Worktext  97–98 | 49.1 Add by applying the Zero Principle of Addition.  49.2 Add by applying the Order Principle of Addition.  49.3 Add 1 or 2 by using a counting strategy.  49.4 Solve an addition equation.  49.5 Explain how the principles of addition help people explore God’s world.   BWS Exploring (Explain) | Visuals   * Visual 1: Hundred Chart * Number Line * Money Kit: 5 dimes, 5 pennies * Counters: 12 candies   Student Manipulatives Packet   * Number Line * Number Cards: 0–12 * Sign Cards: plus sign, equals sign   BJU Press Trove   * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 93–94 |

\*Digital resources for homeschool users are available on Homeschool Hub.

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| Pages | Objectives | | Resources & Materials | Assessments | | |
| Lesson 50 Add on Number Line; Double Facts | | | | | |
| Teacher Edition  216–19  Worktext  99–100 | 50.1 Add by using a number line.  50.2 Write an addition equation by using a number line.  50.3 Model the Zero Principle on a number line.  50.4 Solve a word problem by using an addition equation.  50.5 Solve addition facts with doubles. | Visuals   * Number Line * DQ Puppet   Student Manipulatives Packet   * Number Line * DQ Puppet * Number Cards: 0–6   BJU Press Trove   * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | | | Reviews   * Pages 95–96 |
| Lesson 51 Add with 3 Addends | | | | | |
| Teacher Edition  220–23  Worktext  101–2 | 51.1 Write a 3-addend equation for a word problem.  51.2 Solve a word problem by using a 3-addend equation.  51.3 Add by applying the Grouping Principle of Addition.  51.4 Solve horizontal and vertical 3-addend problems. | Visuals   * Counters: 10 cars, 12 ducks   Student Manipulatives Packet   * Number Cards: 0–6   BJU Press Trove   * Video: 3 Addends * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | | | Reviews   * Pages 97–98 |
| Lesson 52 Add with 5 | | | | | |
| Teacher Edition  224–27  Worktext  103–4 | 52.1 Add with 5 by using UnifixⓇ Cubes.  52.2 Choose the correct equation for a word problem.  52.3 Compose an addition word  problem. | Visuals   * Visual 1: Hundred Chart   Student Manipulatives Packet   * Number Cards: 0–11   BJU Press Trove   * Web Link: Virtual Manipulatives: Number Frames * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | | | Reviews   * Pages 99–100 |

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| Pages | Objectives | | Resources & Materials | | Assessments |
| Lesson 53 Names for 10 | | | | | |
| Teacher Edition  228–31  Worktext  105–6 | | 53.1 Write addition equations for names of 10.  53.2 Solve an addition equation by using a number line.  53.3 Add by applying the Order Principle of Addition.  53.4 Compose an addition word problem.  53.5 Solve an addition word problem.  53.6 Use the Order Principle of ­Addition to explore God’s world.   BWS Exploring (Apply) | | Visuals   * DQ Puppet * Number Line   Student Manipulatives Packet   * Ten Bar Mat * Number Cards: 0–6   BJU Press Trove   * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 101–2 |
| Lesson 54 Chapter 7 Review | | | | | |
| Teacher Edition  232–35  Worktext  107–8 | | 54.1 Recall concepts and terms from Chapter 7. | | Visuals   * Number Line   Student Manipulatives Packet   * Number Cards: 0–6 * Number Line * DQ Puppet   BJU Press Trove   * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Worktext   * Chapter 7 Review   Reviews   * Pages 103–4 |
| Lesson 55 Test, Cumulative Review | | | | | |
| Teacher Edition  236–38  Worktext  109 | | 55.1 Demonstrate knowledge of concepts from Chapter 7 by taking the test. | |  | Assessments   * Chapter 7 Test   Worktext   * Cumulative Review   Reviews   * Pages 105–6 |

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| Chapter 8: Time & Calendar | | | |
| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 56 Telling Time | | | |
| Teacher Edition  243–47  Worktext  110–12 | 56.1 Sequence events.  56.2 Distinguish the parts of an analog clock.  56.3 List activities that take about 1 hour and that take about 1 minute.  56.4 Tell time to the hour.  56.5 Demonstrate time to the hour on  a clock.  56.6 Write time to the hour by using **o’clock**.  56.7 Recall that telling time helps  people plan their work.  BWS Working (recall) | Visuals   * Visual 1: Hundred Chart * DQ Puppet   Student Manipulatives Packet   * DQ Puppet * Number Cards: 0–10 * DQ Clock   BJU Press Trove\*   * Video: Ch 8 Intro * Web Link: Virtual Manipulatives:  Analog Clock * Web Link: Learn to Tell Time * Games/Enrichment: Fact Reviews  (Subtraction Facts to 6) * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 107–8 |
| Lesson 57 Using Clocks to Write Time | | | |
| Teacher Edition  248–51  Worktext  113–14 | 57.1 Determine whether an activity takes more than or less than 1 hour.  57.2 Demonstrate time to the hour.  57.3 Tell time from a digital clock.  57.4 Write time to the hour in digital form.  57.5 Match an analog clock to the  correct digital time. | Visuals   * Place Value Kit: 1 hundred, 3 tens,  11 ones   Student Manipulatives Packet   * Number Cards: 0–10 * DQ Clock   BJU Press Trove   * Web Link: Virtual Manipulatives:  Analog Clock * Games/Enrichment: Fact Reviews  (Subtraction Facts to 6) * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 109–10 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 58 Using a Schedule | | | |
| Teacher Edition  252–55  Worktext  115–16 | 58.1 Demonstrate time to the hour.  58.2 Read a table to use a  schedule.  58.3 Determine the elapsed time.  58.4 Explain how using a schedule helps people plan work.  BWS Working (explain) | Teacher Edition   * Instructional Aid 10: Farm Schedule   Student Manipulatives Packet   * Number Cards: 0–10 * DQ Clock * Sign Cards: Plus, Equals   BJU Press Trove   * Video: Elapsed Time * Web Link: Virtual Manipulatives: Analog Clock * Games/Enrichment: Fact Reviews (Subtraction Facts to 6) * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 111–12 |
| Lessons 59–60 Time to the Half-Hour | | | |
| Teacher Edition  256–59  Worktext  117–18 | 59–60.1 Tell time to the hour and the half-hour.  59–60.2 Count by 5s to 60.  59–60.3 Write time to the hour and the half-hour. | Student Manipulatives Packet   * Number Cards: 0–11 * Sign Cards: Minus, Equals   BJU Press Trove   * Web Link: Virtual Manipulatives: Analog Clock * Games/Enrichment: Fact Reviews (Subtraction Facts to 6) * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 113–14 |

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| Pages | Objectives | Resources & Materials | | | Assessments | |
| Lessons 61–62 Time to the Hour & Half-Hour | | | | | | |
| Teacher Edition  260–63  Worktext  119–20 | 61–62.1 Write an addition equation for a word problem.  61–62.2 Tell time to the hour and the half-hour.  61–62.3 Write time to the hour and the half-hour.  61–62.4 Read a table to determine the elapsed time. | Teacher Edition   * Instructional Aid 11: Scrubbing Schedule   Visuals   * Visual 1: Hundred Chart * Shapes Kit: 6 circles   Student Manipulatives Packet   * DQ Clock * Number Cards: 0–11 * Sign Cards: Plus, Equals   BJU Press Trove   * Video: Time * Video: Schedule and Table * Web Link: Virtual Manipulatives: Analog Clock * Games/Enrichment: Fact Reviews (Subtraction Facts to 6) * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | | | Reviews   * Pages 115–16 | |
| Lesson 63 Using Calendars | | | | | |
| Teacher Edition  264–67  Worktext  121–22 | 63.1 Identify the parts of a calendar.  63.2 Name the days of the week and the months of the year in order.  63.3 Identify the position of each day of the week on a calendar.  63.4 Identify one week as seven days and one year as twelve months.  63.5 Identify the day of the week for **yesterday**, **today**, and **tomorrow**. | | Teacher Edition   * Song: “God Made Seven Days in a Week” * Song: “There Are Twelve Months” * Instructional Aid 12: Days of the  Week Cards * Instructional Aid 13: Months of the  Year Cards   Visuals   * Visual 16: 12-Month Calendar * Place Value Kit: 9 tens, 9 ones   Student Manipulatives Packet   * Number Cards: 0–12   BJU Press Trove   * Video: Calendars * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 117–18 | |

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| Pages | Objectives | Resources & Materials | | | Assessments | |
| Lesson 64 Chapter 8 Review | | | | | |
| Teacher Edition  268–71  Worktext  123–24 | 64.1 Recall concepts and terms from Chapter 8. | | Teacher Edition   * Instructional Aid 11: Scrubbing Schedule * Instructional Aid 12: Days of the  Week Cards * Instructional Aid 13: Months of the  Year Cards   Visuals   * Visual 16: 12-Month Calendar * Number Cards: 0–6 * Sign Cards: Plus, Minus, Equals   Student Manipulatives Packet   * DQ Clock * Number Cards: 0–12 * Sign Cards: Plus, Minus, Equals   BJU Press Trove   * Web Link: Virtual Manipulatives:  Analog Clock * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Worktext   * Chapter 8 Review   Reviews   * Pages 119–20 | |
| Lesson 65 Coding: Working Better | | | | | |
| Teacher Edition  272–75  Worktext  125–26 | 65.1 Follow the Engineering Design Process to solve a problem.  65.2 Write a program.  65.3 Combine repeating steps into a single loop.  65.4 Write a program with loops.  65.5 Debug a program.  65.6 Explain how loops help people do their work better.  BWS Working (explain) | | Teacher Edition   * Instructional Aid 5: STEM Engineering Design Process * Instructional Aid 14: Finding Quigley   Visuals   * Counters: 6 duck tracks   Student Manipulatives Packet   * Grid Mat * Counters: 16 duck tracks * Farm Elements: DQ * Farm Elements: Ned the Horse * Farm Elements: Sass the Cow * Counters: 8 circles   BJU Press Trove   * PowerPointⓇ presentation | Teacher Edition   * Instructional Aid 15: Coding Rubric:  Working Better | |

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| Pages | Objectives | Resources & Materials | | | Assessments | |
| Lesson 66 Test, Cumulative Review | | | | | |
| Teacher Edition  276–78  Worktext  127 | 66.1 Demonstrate knowledge of  concepts from Chapter 8 by taking the test. | |  | Assessments   * Chapter 8 Test   Worktext   * Cumulative  Review   Reviews   * Pages 121–22 | |

Chapter 9: Fractions

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 67 Halves | | | |
| Teacher Edition  283–87  Worktext  128–30 | 67.1 Identify objects partitioned into equal parts.  67.2 Describe 1/2 as 1 of 2 equal parts of a whole.  67.3 Read a fraction with halves.  67.4 Identify 1/2 and 2/2 of an object.  67.5 Partition a shape into halves.  67.6 Identify ways fractions help people care for others.  BWS Caring (recall) | Teacher Edition   * Instructional Aid 16: Food Pictures   Visuals   * Visual 1: Hundred Chart * Visual 17: Halves, Thirds, Fourths * Fraction Kit: 1 whole, two 1/2 pieces * Shapes Kit: 1 orange hexagon, 1 brown trapezoid, 1 purple rhombus, 1 blue triangle   Student Manipulatives Packet   * DQ Puppet * Number Cards: 0–12   BJU Press Trove\*   * Video: Ch 9 Intro * Games/Enrichment: Fact Reviews  (Subtraction Facts to 6) * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 123–24 |
| Lesson 68 Thirds | | | |
| Teacher Edition  288–91  Worktext  131–32 | 68.1 Identify objects partitioned into 3 equal parts.  68.2 Describe 1/3 as 1 of 3 equal parts of a whole.  68.3 Read a fraction with thirds.  68.4 Identify 1/3, 2/3, and 3/3 of an object.  68.5 Color 1/3, 2/3, and 3/3 of a shape. | Teacher Edition   * Instructional Aid 17: Fraction Circle: Thirds   Visuals   * Visual 17: Halves, Thirds, Fourths * Fraction Kit: 1 whole, three 1/3 pieces * Shapes Kit: 1 orange hexagon, 3 purple rhombuses, 3 blue triangles, 1 brown trapezoid   Student Manipulatives Packet   * Shapes Kit: 1 orange hexagon, 3 purple rhombuses, 3 blue triangles, 1 brown trapezoid * Number Cards: 0–12   BJU Press Trove   * Games/Enrichment: Fact Reviews  (Subtraction Facts to 6) * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 125–26 |
| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 69 Fourths | | | |
| Teacher Edition  292–95  Worktext  133–34 | 69.1 Identify objects partitioned into 4 equal parts.  69.2 Describe 1/4 as 1 of 4 equal parts of a whole.  69.3 Read a fraction with fourths.  69.4 Identify 1/4, 2/4, 3/4, and 4/4.  69.5 Describe 1 of 6 pieces as 1/6 and 1 of 8 pieces as 1/8. | Teacher Edition   * Instructional Aid 18: Pizza & Brownies   Visuals   * Visual 17: Halves, Thirds, Fourths * Fraction Kit: 1 whole, four 1/4 pieces * Place Value Kit: 1 hundred, 4 tens, 11 ones   Student Manipulatives Packet   * Number Cards: 0–12   BJU Press Trove   * Video: Fourths * Games/Enrichment: Fact Reviews  (Subtraction Facts to 6) * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 127–28 |
| Lesson 70 Part of a Set | | | |
| Teacher Edition  296–99  Worktext  135–36 | 70.1 Describe 1/2 of a set of 2 objects and 1/2 of a set of 4 objects.  70.2 Identify 1/3 and 2/3 of a set.  70.3 Identify 1/4, 2/4, and 3/4 of a set.  70.4 Match part of a set to the correct fraction. | Visuals   * Shapes Kit: 3 red circles, 3 yellow circles   Student Manipulatives Packet   * Shapes Kit: 3 red circles, 3 yellow circles * Number Cards: 0–12   BJU Press Trove   * Video: Part of a Set * Games/Enrichment: Fact Reviews  (Subtraction Facts to 6) * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 129–30 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 71 Fair Shares | | | |
| Teacher Edition  300–303  Worktext  137–38 | 71.1 Identify equal parts.  71.2 Determine the fair share for 2, 3, and 4 people.  71.3 Demonstrate fair shares for 2, 3, and 4 people.  71.4 Explain how finding fair shares helps a student care for others.   BWS Caring (explain) | Visuals   * Money Kit: 12 pennies, 9 nickels, 6 dimes   Student Manipulatives Packet   * Number Cards: 0–12 * Counters: 12 cars   BJU Press Trove   * Video: Fair Shares * Games/Enrichment: Fact Reviews  (Subtraction Facts to 6) * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 131–32 |
| Lesson 72 Probability & Tally Marks | | | |
| Teacher Edition  304–7  Worktext  139–40 | 72.1 Predict the probability of an ­activity by using fractions.  72.2 Tally the results of a probability activity. | Teacher Edition   * Instructional Aid 19: Fraction Circle: Fourths * Instructional Aid 20: Fraction Circle: Sixths   Student Manipulatives Packet   * Number Cards: 0–12   BJU Press Trove   * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 133–34 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 73 Chapter 9 Review | | | |
| Teacher Edition  308–11  Worktext  141–42 | 73.1 Recall concepts and terms from Chapter 9. | Teacher Edition   * Instructional Aid 20: Fraction Circle: Sixths   Visuals   * Fraction Kit * Shapes Kit: 3 green squares, 3 blue squares * Counters: 12 candies * Money Kit: pennies, nickels, and dimes   Student Manipulatives Packet   * Number Cards 0–12 * Fraction Kit   BJU Press Trove   * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Worktext   * Chapter 9 Review   Reviews   * Pages 135–36 |
| Lesson 74 Test, Cumulative Review | | | |
| Teacher Edition  312–14  Worktext  143 | 74.1 Demonstrate knowledge of concepts from Chapter 9 by taking the test. |  | Assessments   * Chapter 9 Test   Worktext   * Cumulative Review   Reviews   * Pages 137–38 |

chapter 10: Subtraction Facts to 12

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 75 **Count Back** 1 or 2; Subtract 0 | | | |
| Teacher Edition  319–23  Worktext  144–46 | 75.1 Model subtraction by separating a set.  75.2 Subtract by applying the Zero  Principle of Subtraction.  75.3 Subtract 1 or 2 by using a **counting back** strategy.  75.4 Explain how subtraction helps people explore the world around them.  BWS Exploring (explain) | Visuals   * Number Line * Counters: 10 soccer balls   Student Manipulatives Packet   * Number Cards: 0–12 * Soccer Field Mat * Counters: 10 soccer balls   BJU Press Trove\*   * Video: Ch 10 Intro * Web Link: Virtual Manipulatives: Number Line * Games/Enrichment: Fact Reviews (Addition Facts to 8) * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 139–40 |
| Lesson 76 Subtract **All**; Subtract **Nearly All** | | | |
| Teacher Edition  324–27  Worktext  147–48 | 76.1 Solve a subtraction problem by using a number line.  76.2 Solve problems by subtracting **all** and **nearly all**. | Visuals   * Place Value Kit: 1 hundred, 5 tens, 12 ones * Counters: 10 orange and 10 blue soccer balls * Number Line * DQ Puppet   Student Manipulatives Packet   * Number Cards: 0–12 * Number Line * DQ Puppet   BJU Press Trove   * Games/Enrichment: Fact Reviews  (Addition Facts to 8) * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 141–42 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 77 Compare to Subtract; Double Facts | | | |
| Teacher Edition  328–31  Worktext  149–50 | 77.1 Solve comparison subtraction word problems.  77.2 Relate subtraction to addition.  77.3 Identify double facts. | Visuals   * Counters: 8 orange and 5 blue soccer balls * Shapes Kit: 12 circles   Student Manipulatives Packet   * Number Cards: 0–12   BJU Press Trove   * Web Link: Virtual Manipulatives: Number Frames * Games/Enrichment: Fact Reviews  (Addition Facts to 8) * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 143–44 |
| Lessons 78 Missing Addend; Subtract from 10 | | | |
| Teacher Edition  332–35  Worktext  151–52 | 78.1 Model subtraction from 10 by separating a set.  78.2 Relate subtraction to addition.  78.3 Complete missing addend  equations. | Visuals   * Visual 17: Halves, Thirds, Fourths * Counters: circles   Student Manipulatives Packet   * Number Cards: 0–12 * Ten Bar Mat * Money Kit: 10 pennies   BJU Press Trove   * Video: Separate a Set * Web Link: Virtual Manipulatives:  Number Frames * Games/Enrichment: Fact Reviews  (Addition Facts to 8) * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 145–46 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 79 Fact Families | | | |
| Teacher Edition  336–39  Worktext  153–54 | 79.1 Write addition and subtraction equations for a fact family.  79.2 Complete missing addend equations. | Teacher Edition   * Instructional Aid 19: Fraction Circle: Fourths   Visuals   * Counters: 9 soccer balls   Student Manipulatives Packet   * Soccer Field Mat * Counters: 9 soccer balls * Number Cards: 0–12   BJU Press Trove   * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 147–48 |
| Lesson 80 Fact Families for 11; Missing Addend | | | |
| Teacher Edition  340–43  Worktext  155–56 | 80.1 Complete missing addend equations.  80.2 Model subtraction from 11 by  separating a set.  80.3 Write equations for a fact family. | Visuals   * Number Cards: 0–12 * Sign Cards: Plus, Minus, Equals   Student Manipulatives Packet   * Number Cards: 0–12 * Ten Bar Mat * Sign Cards: Plus, Minus, Equals   BJU Press Trove   * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 149–50 |
| Lesson 81 Fact Families for 12; Missing Addend | | | |
| Teacher Edition  344–47  Worktext  157–58 | 81.1 Model subtraction from 12 by separating a set.  81.2 Write addition and subtraction equations for a fact family.  81.3 Complete missing addend  equations for a word problem.  81.4 Evaluate the idea that subtraction can teach people what is kind.  BWS Exploring (evaluate) | Student Manipulatives Packet   * Number Cards: 0–12 * Ten Bar Mat   BJU Press Trove   * Web Link: Virtual Manipulatives:  UNIFIXⓇ Cubes * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Reviews   * Pages 151–52 |
| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 82 Chapter 10 Review | | | |
| Teacher Edition  348–51  Worktext  159–60 | 82.1 Recall concepts and terms from Chapter 10. | Visuals   * Number Line * DQ Puppet * Shapes Kit: rectangles, circles   Student Manipulatives Packet   * Number Line * DQ Puppet * Shapes Kit: rectangles, circles   BJU Press Trove   * Games/Enrichment: Fact Fun Activities * Games/Enrichment: Addition Flashcards * PowerPointⓇ presentation | Worktext   * Chapter 10 Review   Reviews   * Pages 153–54 |
| Lesson 83 Test, Cumulative Review | | | |
| Teacher Edition  352–54  Worktext  161 | 83.1 Demonstrate knowledge of  concepts from Chapter 10 by taking the test. |  | Assessments   * Chapter 10 Test   Worktext   * Cumulative Review   Reviews   * Pages 155–56 |

chapter 11: CUSTOMARY MEASUREMENT

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| Pages | Objectives | Resources | Assessments |
| Lesson 84 Measure in Paper Clips & Inches | | | |
| Teacher Edition  359–63  Worktext  162–64 | 84.1 Measure the length and height of objects in nonstandard units.  84.2 Identify a measuring unit for length.  84.3 Measure the length and height of objects in inches.  84.4 Order the length of objects by using **shortest** and **longest**.  84.5 Explain how measuring length helps people do their work.  BWS Working (explain) | Teacher Edition   * Instructional Aid 23: Measuring Worksheet   Visuals   * Visual 18: Customary Measurement * Rulers: Paper clip, Inch   Student Manipulatives Packet   * Rulers: Paper clip, Inch * Number Cards: 0–9   BJU Press Trove\*   * Video: Ch 11 Intro * Games/Enrichment: Fact Reviews (Addition Facts to 10) * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 157–58 |
| Lesson 85 Estimate & Measure in Inches | | | |
| Teacher Edition  364–67  Worktext  165–66 | 85.1 Estimate the length of an object to the nearest inch.  85.2 Measure the length of an object to the nearest inch.  85.3 Draw a line of a specific length.  85.4 Choose the correct equation for a word problem. | Teacher Edition   * Instructional Aid 24: Animal Measurement   Visuals   * Visual 18: Customary Measurement * Ruler: Inch   Student Manipulatives Packet   * 2 DQ Clocks * Ruler: Inch * Number Cards: 0–9   BJU Press Trove   * Web Link: Measuring: Find Lengths with a Ruler * Games/Enrichment: Fact Reviews  (Addition Facts to 10) * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 159–60 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 86 Cups & Pints | | | |
| Teacher Edition  368–71  Worktext  167–68 | 86.1 Identify smaller measuring units for capacity.  86.2 Compare cups and pints.  86.3 Measure capacity in cups and pints.  86.4 Measure a snack by using cups. | Visuals   * Visual 18: Customary Measurement   Student Manipulatives Packet   * Number Cards: 0–9   BJU Press Trove   * Games/Enrichment: Fact Reviews  (Addition Facts to 10) * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 161–62 |
| Lesson 87 Pints, Quarts & Gallons | | | |
| Teacher Edition  372–75  Worktext  169–70 | 87.1 Identify larger measuring units for capacity.  87.2 Compare and contrast cups, pints, quarts, and gallons.  87.3 Measure capacity in quarts and gallons.  87.4 Use units of capacity to accomplish a task.  BWS Working (apply) | Teacher Edition   * Song: “Wide, Wide as the Ocean”   Visuals   * Visual 18: Customary Measurement   Student Manipulatives Packet   * Number Cards: 0–9   BJU Press Trove   * Games/Enrichment: Fact Reviews  (Addition Facts to 10) * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 163–64 |
| Lesson 88 More Than or Less Than a Pound | | | |
| Teacher Edition  376–79  Worktext  171–72 | 88.1 Identify a measuring unit for weight.  88.2 Compare the weight of objects by using the words **more** or **less**.  88.3 Solve word problems involving measurements. | Visuals   * Visual 18: Customary Measurement   Student Manipulatives Packet   * Number Cards: 0–9 * Sign Cards: Greater than, Less than   BJU Press Trove   * Games/Enrichment: Fact Fun Activities * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 165–66 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 89 Read a Thermometer | | | |
| Teacher Edition  380–83  Worktext  173–74 | 89.1 Identify a measuring unit for  temperature.  89.2 Read a Fahrenheit thermometer in increments of 10 degrees.  89.3 Represent temperature by using a Fahrenheit thermometer.  89.4 Match weather-related activities to Fahrenheit temperatures. | Teacher Edition   * Instructional Aid 25: Fahrenheit Thermometer   Visuals   * Visual 20: Temperature * Ruler: Centimeter   Student Manipulatives Packet   * Ruler: Centimeter * Number Cards: 0–9   BJU Press Trove   * Fact Fun Activities * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 167–68 |
| Lesson 90 Chapter 11 Review | | | |
| Teacher Edition  384–87  Worktext  175–76 | 90.1 Recall concepts and terms from Chapter 11. | Teacher Edition   * Instructional Aid 26: Measurement Review   Student Manipulatives Packet   * Ruler: Inch   BJU Press Trove   * Games/Enrichment: Fact Fun Activities * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Worktext   * Chapter 11 Review   Reviews   * Pages 169–70 |
| Lesson 91 Test, Cumulative Review | | | |
| Teacher Edition  388–90  Worktext  177 | 91.1 Demonstrate knowledge of  concepts from Chapter 11 by  taking the test. |  | Assessments   * Chapter 11 Test   Worktext   * Cumulative Review   Reviews   * Pages 171–72 |

chapter 12: Addition with two-Digit Numbers

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 92 Add the Ones First | | | |
| Teacher Edition  395–99  Worktext  178–80 | 92.1 Join sets for 2-digit addends by using representations.  92.2 Solve a word problem by writing an addition equation.  92.3 Complete a 2-digit addition problem in vertical form by using representations.  92.4 Explain how 2-digit addition should be used to care for others.  BWS Caring (explain) | Visuals   * Place Value Kit: tens, ones   Student Manipulatives Packet   * Number Cards: 0–9 * Tens/Ones Mat   BJU Press Trove\*   * Video: Ch 12 Intro * Web Link: Virtual Manipulatives: Base Ten Number Pieces * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 173–74 |
| Lesson 93 Adding Two-Digit Numbers | | | |
| Teacher Edition  400–403  Worktext  181–82 | 93.1 Join sets for 2-digit addends.  93.2 Solve a word problem by writing an addition equation.  93.3 Complete a 2-digit addition  problem in vertical form. | Visuals   * Place Value Kit: tens, ones   Student Manipulatives Packet   * Number Cards: 0–9 * Tens/Ones Mat   BJU Press Trove   * Video: Add Ones * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 175–76 |
| Lesson 94 Adding Dimes & Pennies | | | |
| Teacher Edition  404–7  Worktext  183–84 | 94.1 Join sets of dimes and pennies for 2-digit addends.  94.2 Solve a money word problem by writing an addition or subtraction equation.  94.3 Solve a money word problem by using the Problem-Solving Plan. | Visuals   * Visual 21: Problem-Solving Plan * Money Kit: 9 pennies, 9 dimes   Student Manipulatives Packet   * Number Cards: 0–9 * Tens/Ones Mat * Money Kit: 9 pennies, 9 dimes   BJU Press Trove   * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 177–78 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 95 Adding Money | | | |
| Teacher Edition  408–11  Worktext  185–86 | 95.1 Join sets of dimes and pennies for 2-digit addends.  95.2 Solve a money word problem by writing an addition or subtraction equation.  95.3 Solve a money word problem by using the Problem-Solving Plan  95.4 Compose an addition word ­problem.  95.5 Evaluate adding money for a selfish purpose.   BWS Caring (evaluate) | Teacher Edition   * Instructional Aid 27: Pictograph   Visuals   * Visual 21: Problem-Solving Plan   Student Manipulatives Packet   * Number Cards: 0–9 * Tens/Ones Mat * Money Kit: 9 pennies, 9 dimes   BJU Press Trove   * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 179–80 |
| Lessons 96–97 Rename 10 Ones | | | |
| Teacher Edition  412–15  Worktext  187–88 | 96–97.1 Rename 10 ones as 1 ten.  96–97.2 Join sets for 2-digit addends with renaming.  96–97.3 Complete a 2-digit addition problem with renaming. | Visuals   * DQ Puppet * Place Value Kit: tens, ones   Student Manipulatives Packet   * Tens/Ones Mat   BJU Press Trove   * Video: Rename 10 Ones * Web Link: Virtual Manipulatives: Base Ten Number Pieces * PowerPointⓇ presentation | Reviews   * Pages 181–82 |
| Lesson 98 Rename 10 Pennies | | | |
| Teacher Edition  416–19  Worktext  189–90 | 98.1 Rename 10 pennies as 1 dime.  98.2 Join sets of dimes and pennies for 2-digit addends with renaming.  98.3 Solve money problems with sums to 99¢.  98.4 Solve a word problem by writing an addition equation. | Visuals   * Visual 21: Problem-Solving Plan * Money Kit: pennies, dimes   Student Manipulatives Packet   * Tens/Ones Mat * Money Kit: pennies, dimes   BJU Press Trove   * Video: Rename 10 Pennies * Web Link: Virtual Manipulatives: Money Pieces * PowerPointⓇ presentation | Reviews   * Pages 183–84 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 99 Chapter 12 Review | | | |
| Teacher Edition  420–23  Worktext  191–92 | 99.1 Recall concepts and terms from Chapter 12. | Visuals   * Visual 21: Problem-Solving Plan * Place Value Kit: tens, ones   Student Manipulatives Packet   * Number Cards: 0–9 * Tens/Ones Mat * Sign Cards: Greater than, Less than   BJU Press Trove   * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Worktext   * Chapter 12 Review   Reviews   * Pages 185–86 |
| Lesson 100 Coding: Guiding a Friend | | | |
| Teacher Edition  424–27  Worktext  193–94 | 100.1 Follow cardinal directions on a grid.  100.2 Debug an algorithm.  100.3 Follow the Engineering Design Process to solve a problem.  100.4 Compose an algorithm that uses cardinal directions.  100.5 Program a friend to help him or her find a destination.  BWS Caring (apply) | Teacher Edition   * Instructional Aid 5: STEM Engineering Design Process * Instructional Aid 28: Compass Rose * Instructional Aid 29: Trampoline Park Destination   BJU Press Trove   * PowerPointⓇ presentation | Teacher Edition   * Instructional Aid 30: Coding Rubric: Guiding a Friend |
| Lesson 101 Test, Cumulative Review | | | |
| Teacher Edition  428–30  Worktext  195 | 101.1 Demonstrate knowledge of  concepts from Chapter 12 by  taking the test. |  | Assessments   * Chapter 12 Test   Worktext   * Cumulative Review   Reviews   * Pages 187–88 |

chapter 13: Subtraction with two-Digit Numbers

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| Pages | Objectives | Resources | Assessments |
| Lesson 102 Subtracting the Ones First | | | |
| Teacher Edition  435–39  Worktext  196–98 | 102.1 Separate a set to subtract a 2-digit number by using representations.  102.2 Write a subtraction equation to solve a word problem.  102.3 Complete a 2-digit subtraction problem in vertical form.  102.4 Solve a word problem by using the Problem-Solving Plan.  102.5 Explain how people can use the Problem-Solving Plan to accomplish a task.   BWS Working (explain) | Visuals   * Visual 21: Problem-Solving Plan * Place Value Kit: tens, ones   Student Manipulatives Packet   * Tens/Ones Mat   BJU Press Trove\*   * Video: Ch 13 Intro * Games/Enrichment: Fact Reviews  (Subtraction Facts to 8) * Games/Enrichment: Subtraction Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 189–90 |
| Lesson 103 Subtracting 2-Digit Numbers | | | |
| Teacher Edition  440–43  Worktext  199–200 | 103.1 Separate a set to subtract a 2-digit number.  103.2 Write an addition or subtraction equation to solve a word problem.  103.3 Complete a 2-digit subtraction problem in vertical form.  103.4 Follow the Problem-Solving Plan to solve a word problem. | Visuals   * Visual 21: Problem-Solving Plan * Place Value Kit: tens, ones   Student Manipulatives Packet   * Tens/Ones Mat   BJU Press Trove   * Video: Subtract 2 Digits * Games/Enrichment: Fact Reviews  (Subtraction Facts to 8) * Games/Enrichment: Subtraction Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 191–92 |

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| Pages | Objectives | Resources | Assessments |
| Lesson 104 Subtracting Dimes & Pennies | | | |
| Teacher Edition  444–47  Worktext  201–2 | 104.1 Separate a set of dimes and pennies to subtract a 2-digit number.  104.2 Compose a subtraction word problem.  104.3 Complete a 2-digit subtraction problem in vertical form.  104.4 Write a subtraction equation to solve a word problem. | Visuals   * Visual 16: 12-Month Calendar * Money Kit: 9 dimes, 9 pennies   Student Manipulatives Packet   * Tens/Ones Mat * Money Kit: 9 dimes, 9 pennies   BJU Press Trove   * Web Link: Virtual Manipulatives: Base Ten Money Pieces * Games/Enrichment: Fact Reviews  (Subtraction Facts to 8) * Games/Enrichment: Subtraction Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 193–94 |
| Lesson 105 Subtracting Money | | | |
| Teacher Edition  448–451  Worktext  203–4 | 105.1 Separate a set of dimes and pennies to subtract a 2-digit number.  105.2 Complete a 2-digit subtraction problem in vertical form.  105.3 Choose the correct equation by reading a pictograph.  105.4 Write an addition or subtraction equation to solve a word problem.  105.5 Explain why a person should solve an equation even if the problem seems hard.  BWS Working (formulate) | Teacher Edition   * Instructional Aid 27: Pictograph   Visuals   * Money Kit: 9 dimes, 50 pennies   Student Manipulatives Packet   * Tens/Ones Mat * Money Kit: 9 dimes, 9 pennies   BJU Press Trove   * Web Link: Virtual Manipulatives: Base Ten Money Pieces * Games/Enrichment: Fact Reviews  (Subtraction Facts to 8) * Games/Enrichment: Subtraction Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 195–96 |

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| Pages | Objectives | Resources | Assessments |
| Lesson 106 Chapter 13 Review | | | |
| Teacher Edition  452–55  Worktext  205–6 | 106.1 Recall concepts and terms from Chapter 13. | Visuals   * Visual 21: Problem-Solving Plan   Student Manipulatives Packet   * Tens/Ones Mat   BJU Press Trove   * Games/Enrichment: Fact Fun Activities * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Worktext   * Chapter 13 Review   Reviews   * Pages 197–98 |
| Lesson 107 Test, Cumulative Review | | | |
| Teacher Edition  456–58  Worktext  207 | 107.1 Demonstrate knowledge of ­concepts from Chapter 13 by taking the test. |  | Assessments   * Chapter 13 Test   Worktext   * Cumulative Review   Reviews   * Pages 199–200 |

chapter 14: **Count On** with Coins

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 108 Counting Dimes, Nickels & Pennies | | | |
| Teacher Edition  463–67  Worktext  208–10 | 108.1 Identify the value of a penny, a nickel, and a dime.  108.2 Determine the value of a set of dimes and pennies and a set of nickels and pennies by **counting on**.  108.3 Determine whether there is enough money to purchase an item.  BWS Working (explain) | Teacher Edition   * Instructional Aid 9: Price Tags   Visuals   * Visual 14: Money * Money Kit: 7 pennies, 6 nickels, 6 dimes   Student Manipulatives Packet   * Number Cards: 0–9 * Red Mat * Money Kit: 4 pennies, 6 nickels, 4 dimes   BJU Press Trove\*   * Video: Ch 14 Intro * Web Link: Virtual Manipulatives: Money Pieces * Web Link: U.S. Mint Coin Classroom * Games/Enrichment: Fact Reviews  (Addition Facts to 12) * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 201–2 |
| Lesson 109 Solving Money Word Problems | | | |
| Teacher Edition  468–71  Worktext  211–12 | 109.1 Determine the value of a set of dimes and nickels and a set of dimes, nickels, and pennies by **counting on**.  109.2 Determine whether there is enough money to purchase an item.  109.3 Solve a money word problem by using the Problem-Solving Plan. | Visuals   * Visual 21: Problem-Solving Plan * Money Kit: 7 pennies, 6 nickels, 7 dimes   Student Manipulatives Packet   * Number Cards: 0–9 * Red Mat * Money Kit: 6 pennies, 6 nickels, 6 dimes   BJU Press Trove   * Video: Nickels, Dimes, Pennies * Games/Enrichment: Fact Reviews  (Addition Facts to 12) * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 203–4 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 110 Money & Probability | | | |
| Teacher Edition  472–75  Worktext  213–14 | 110.1 Determine the value of a set of dimes, nickels, and pennies by **counting on**.  110.2 Identify equivalent amounts of money.  110.3 Predict the probability of choosing a dime, nickel, or penny.  110.4 Tally the results of a probability activity. | Visuals   * Money Kit: 10 pennies, 7 nickels, 12 dimes   Student Manipulatives Packet   * Number Cards: 0–9 * Sign Cards: Greater than, Less than, Cent * Money Kit: 7 pennies, 7 nickels, 7 dimes * Red Mat   BJU Press Trove   * Games/Enrichment: Fact Reviews (Addition Facts to 12) * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 205–6 |
| Lesson 111 Quarters | | | |
| Teacher Edition  476–79  Worktext  215–16 | 111.1 Evaluate counting money in a careless way.   BWS Working (evaluate)  111.2 Identify the value of a quarter.  111.3 Identify sets of pennies, nickels, and dimes equivalent to 1 quarter. | Visuals   * Visual 14: Money * Money Kit: 25 pennies, 5 nickels, 6 dimes, 1 quarter   Student Manipulatives Packet   * Number Cards: 0–9 * Money Kit: 25 pennies, 5 nickels, 2 dimes * Red Mat   BJU Press Trove   * Video: Quarters * Web Link: Learning Coins * Web Link: U.S. Mint Coin Classroom * Games/Enrichment: Fact Reviews  (Addition Facts to 12) * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 207–8 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 112 Chapter 14 Review | | | |
| Teacher Edition  480–83  Worktext  217–18 | 112.1 Recall concepts and terms from Chapter 14. | Teacher Edition   * Instructional Aid 31: Grocery Store Items   Visuals   * Money Kit: 6 pennies, 6 nickels, 8 dimes, 1 quarter   Student Manipulatives Packet   * Tens/Ones Mat * Money Kit: 6 pennies, 6 nickels, 6 dimes, 1 quarter * Red Mat   BJU Press Trove   * Games/Enrichment: Fact Reviews  (Addition Facts to 12) * Games/Enrichment: Subtraction Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Worktext   * Chapter 14 Review   Reviews   * Pages 209–10 |
| Lesson 113 Test, Cumulative Review | | | |
| Teacher Edition  484–86  Worktext  219 | 113.1 Demonstrate knowledge of concepts from Chapter 14 by taking the test. |  | Assessments   * Chapter 14 Test   Worktext   * Cumulative Review   Reviews   * Pages 211–12 |

chapter 15: Geometry

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 114 Solid Figures | | | |
| Teacher Edition  491–95  Worktext  220–22 | 114.1 Distinguish 2-dimensional and 3-dimensional figures.  114.2 Identify a sphere, a cone, a cylinder, and a rectangular prism.  114.3 Describe the attributes of a sphere, a cone, a cylinder, and a rectangular prism.  114.4 Classify 3-dimensional objects as a sphere, a cone, a cylinder, or a rectangular prism.  114.5 Explain how classifying figures and objects helps people explore God’s world.  BWS Exploring (explain) | Visuals   * Visual 13: Solid Figures * Shapes Kit: 1 circle, 1 rectangle, 1 square, 1 triangle   Student Manipulatives Packet   * Number Cards: 0–9   BJU Press Trove\*   * Video: Ch 15 Intro * Games/Enrichment: Fact Reviews  (Subtraction Facts to 10) * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 213–14 |
| Lesson 115 More Solid Figures | | | |
| Teacher Edition  496–99  Worktext  223–24 | 115.1 Identify a cube and a triangular pyramid.  115.2 Distinguish between a cube and a rectangular prism.  115.3 Describe the attributes of a cube and a triangular pyramid.  115.4 Construct a triangular pyramid. | Teacher Edition   * Instructional Aid 32: Pyramid Pattern   Visuals   * Visual 13: Solid Figures   Student Manipulatives Packet   * Number Cards: 0–9   BJU Press Trove   * Games/Enrichment: Fact Reviews  (Subtraction Facts to 10) * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 215–16 |

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| Pages | Objectives | Resources & Materials | Assessments | |
| Lesson 116 Faces, Curves & Corners | | | | |
| Teacher Edition  500–3  Worktext  225–26 | 116.1 Describe the attributes of solid figures.  116.2 Draw faces of solid figures. | Teacher Edition   * Instructional Aid 32: Pyramid Pattern   Visuals   * Visual 13: Solid Figures   Student Manipulatives Packet   * Number Cards 0–9   BJU Press Trove   * Games/Enrichment: Fact Reviews (Subtraction Facts to 10) * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | | Reviews   * Pages 217–18 |
| Lesson 117 Compose Solid Figures | | | | |
| Teacher Edition  504–7  Worktext  227–28 | 117.1 Identify solid figures used to compose a picture.  117.2 Compose a solid figure by using solid figures.  117.3 Compose a picture by using solid figures. | Visuals   * Money Kit: 1 quarter   Student Manipulatives Packet   * Red Mat * Money Kit: 5 dimes, 5 nickels, 5 pennies   BJU Press Trove   * Games/Enrichment: Fact Reviews  (Subtraction Facts to 10) * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | |  |
| Lesson 118 Plane Figures | | | | |
| Teacher Edition  508–11  Worktext  229–30 | 118.1 Distinguish between a circle, a triangle, a square, and a  rectangle.  118.2 Describe attributes of a triangle, a square, and a rectangle.  118.3 Predict the results of a probabil­ity activity.  118.4 Tally the results of a probability activity. | Teacher Edition   * Instructional Aid 33: Spinner   Visuals   * Visual 12: Plane Figures * Number Word Cards: zero to ten * Shapes Kit: 3 red circles, 3 blue circles, 2 rectangles, 3 squares, 6 triangles   Student Manipulatives Packet   * Number Cards 0–9   BJU Press Trove   * Web Link: Mathigon * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | | Reviews   * Pages 219–20 |

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| Pages | Objectives | Resources & Materials | Assessments | |
| Lesson 119 Same Shape, Size, or Color | | | | |
| Teacher Edition  512–15  Worktext  231–32 | 119.1 Identify plane figures that are the same or different shape, color, or size.  119.2 Make a Venn diagram.  119.3 Draw plane figures that are the same or different size. | Teacher Edition   * Instructional Aid 34: Dot Grid   Visuals   * Shapes Kit: 5 rectangles—2 green, 1 red, 1 blue, 1 yellow; 5 triangles—2 red, 1 green, 1 blue, 1 yellow; 4 circles—1 of each color; 4 squares—1 of each color   Student Manipulatives Packet   * Shapes Kit: 1 blue circle, 4 squares, 4 triangles, 4 rectangles   BJU Press Trove   * Web Link: Mathigon * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | | Reviews   * Pages 221–22 |
| Lesson 120 Symmetry | | | | |
| Teacher Edition  516–19  Worktext  233–34 | 120.1 Identify symmetrical and asymmetrical figures.  120.2 Identify a line of symmetry.  120.3 Draw a line of symmetry on an object. | Teacher Edition   * Instructional Aid 35: Symmetrical Shapes * Instructional Aid 36: Asymmetrical Shapes * Instructional Aid 37: Line of Symmetry   BJU Press Trove   * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | | Reviews   * Pages 223–24 |
| Lesson 121 Patterns | | | | |
| Teacher Edition  520–23  Worktext  235–36 | 121.1 Copy an action pattern and a shape pattern.  121.2 Extend patterns of shapes, numbers, or letters.  121.3 Compose a picture by using plane figures.  121.4 Relate learning shapes to exploring God’s world.  BWS Exploring (explain) | Visuals   * Shapes Kit (6 of each): yellow triangles, blue triangles, yellow circles, red circles, green squares, blue rectangles, orange hexagons, purple rhombuses, brown trapezoids   Student Manipulatives Packet   * Shapes Kit (6 of each): yellow triangles, blue triangles, yellow circles, red circles, green squares, blue rectangles, orange hexagons, purple rhombuses, brown trapezoids   BJU Press Trove   * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | | Reviews   * Pages 225–26 |

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| Pages | Objectives | Resources & Materials | Assessments | |
| Lesson 122 Chapter 15 Review | | | | |
| Teacher Edition  524–27  Worktext  237–38 | 122.1 Recall concepts and terms from Chapter 15. | Teacher Edition   * Instructional Aid 35: Symmetrical Shapes * Instructional Aid 36: Asymmetrical Shapes   Visuals   * Visual 13: Solid Figures * Visual 12: Plane Figures * Shapes Kit: 6 red rectangles, 6 blue squares * Money Kit: 6 pennies, 4 nickels, 4 dimes   BJU Press Trove   * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | | Worktext   * Chapter 15 Review   Reviews   * Pages 227–28 |
| Lesson 123 Test, Cumulative Review | | | | |
| Teacher Edition  528–30  Worktext  239 | 123.1 Demonstrate knowledge of concepts from Chapter 15 by taking the test. |  | | Assessments   * Chapter 15 Test   Worktext   * Cumulative Review   Reviews   * Pages 229–30 |

CHAPTER 16: PLACE VALUE: Three-DIGIT NUMBERS

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 124 Hundreds, Tens, Ones | | | |
| Teacher Edition  533–37  Worktext  240–42 | 124.1 Count by 100s to 1,000.  124.2 Identify the hundreds, tens, and ones in a 3-digit number.  124.3 Represent 3-digit numbers by using manipulatives. | Visuals   * Place Value Kit: hundreds, tens, ones   Student Manipulatives Packet   * Hundreds/Tens/Ones Mat * Place Value Kit: hundreds, tens, ones   BJU Press Trove\*   * Video: Ch 16 Intro * Web Link: Virtual Manipulatives: Base Ten Number Pieces * Games/Enrichment: Fact Reviews  (Addition Facts to 12) * Games/Enrichment: Addition Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 231–32 |
| Lesson 125 Representing 3-Digit Numbers | | | |
| Teacher Edition  538–41  Worktext  243–44 | 125.1 Identify the hundreds, tens, and ones in a 3-digit number.  125.2 Represent 3-digit numbers by using manipulatives.  125.3 Rename 10 ones as 1 ten in a 3-digit number.  125.4 Complete a sequence of 3-digit numbers.  125.5 Explain how place value helps people explore God’s world.   BWS Exploring (explain) | Visuals   * Place Value Kit: hundreds, tens, ones   Student Manipulatives Packet   * Hundreds/Tens/Ones Mat * Place Value Kit: hundreds, tens, ones   BJU Press Trove   * Games/Enrichment: Fact Reviews  (Addition Facts to 12) * Games/Enrichment: Addition Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 233–34 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 126 Writing Numbers to 1,000 | | | |
| Teacher Edition  542–45  Worktext  245–46 | 126.1 Identify the number of  hundreds, tens, and ones in a 3-digit number.  126.2 Write 3-digit numbers by using Number Cards.  126.3 Write the number that is 1 more or 1 less.  126.4 Write the number that comes **before**, **after**, or **between**. | Visuals   * Visual 1: Hundred Chart (extended) * Place Value Kit: hundreds, tens, ones   Student Manipulatives Packet   * Number Cards: 0–9   BJU Press Trove   * Video: Place Value * Games/Enrichment: Fact Reviews  (Addition Facts to 12) * Games/Enrichment: Addition Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 235–36 |
| Lesson 127 Place Value in 3-Digit Numbers | | | |
| Teacher Edition  546–49  Worktext  247–48 | 127.1 Identify the number of hundreds, tens, and ones in a 3-digit number.  127.2 Write 3-digit numbers by using Number Cards.  127.3 Identify the value of the digits in a 3-digit number. | Visuals   * Place Value Kit: hundreds, tens, ones   Student Manipulatives Packet   * Number Cards: 0–9   BJU Press Trove   * Games/Enrichment: Fact Reviews (Addition Facts to 12) * Games/Enrichment: Addition Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 237–38 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 128 Counting More & Less | | | |
| Teacher Edition  550–53  Worktext  249–50 | 128.1 Identify and write the number that is 1 more or 1 less.  128.2 Identify and write the number that is 10 more or 10 less.  128.3 Count by 10s from a  3-digit number.  128.4 Identify and write the number that is 100 more or 100 less. | Visuals   * Visual 1: Hundred Chart (extended) * Place Value Kit: hundreds, tens, ones   Student Manipulatives Packet   * Place Value Kit: hundreds, tens, ones * Hundreds/Tens/Ones Mat   BJU Press Trove   * Video: More and Less * Games/Enrichment: Fact Reviews (Addition Facts to 12) * Games/Enrichment: Addition Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 239–40 |
| Lesson 129 Comparing 3-Digit Numbers | | | |
| Teacher Edition  554–57  Worktext  251–52 | 129.1 Compare 3-digit numbers by using manipulatives.  129.2 Compare 3-digit numbers by using > and <.  129.3 Compare 3-digit numbers to explore God’s world.  BWS Exploring (apply) | Visuals   * Place Value Kit: hundreds, tens, ones * Sign Cards: Greater than, Less than   Student Manipulatives Packet   * Sign Cards: Greater than, Less than * Number Cards: 0–9 * Dot Pattern Cards: 0–9 (backs)   BJU Press Trove   * Games/Enrichment: Addition Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 241–42 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lessons 130–31 Adding Large Numbers | | | |
| Teacher Edition  558–61  Worktext  253–54 | 130.1 Join sets for 3-digit addends.  130.2 Solve a word problem by using the Problem-Solving Plan.  130.3 Write an addition equation for a word problem. | Visuals   * Visual 21: Problem-Solving Plan * Place Value Kit: hundreds, tens, ones   Student Manipulatives Packet   * Hundreds/Tens/Ones Mat * Place Value Kit: hundreds, tens, ones   BJU Press Trove   * Video: Add Large Numbers * Web Link: Let’s Set the Record Straight. Pizza Boxes are Recyclable. * PowerPointⓇ presentation | Reviews   * Pages 243–44 |
| Lesson 132 Practicing Adding Large Numbers | | | |
| Teacher Edition  562–65  Worktext  255–56 | 132.1 Join sets for 3-digit numbers.  132.2 Solve a word problem by using the Problem-Solving Plan.  132.3 Write an addition equation for a word problem. | Visuals   * Visual 21: Problem-Solving Plan * Place Value Kit: hundreds, tens, ones   Student Manipulatives Packet   * Hundreds/Tens/Ones Mat * Place Value Kit: hundreds, tens, ones   BJU Press Trove   * Web Link: 15 Creative Ways to Recycle Pizza Boxes * Web Link: 20 Cool Things You Can Make with a Pizza Box * PowerPointⓇ presentation | Reviews   * Pages 245–46 |
| Lesson 133 Chapter 16 Review | | | |
| Teacher Edition  566–69  Worktext  257–58 | 133.1 Recall concepts and terms from Chapter 16. | Visuals   * Place Value Kit: hundreds, tens, ones   Student Manipulatives Packet   * Sign Cards: Greater than, Less than * Number Cards: 0–9 * Dot Pattern Cards: 0–9 (backs)   BJU Press Trove   * Games/Enrichment: Addition Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Worktext   * Chapter 16 Review   Reviews   * Pages 247–48 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 134 Coding: Playing a Game | | | |
| Teacher Edition  570–73  Worktext  259–60 | 134.1 Identify a pattern of repeated actions.  134.2 Translate a picture program into a clapping game.  134.3 Simplify a picture program by using loops.  134.4 Follow the Engineering Design Process to solve a problem.  134.5 Write a program for a clapping game by using loops.  134.6 Teach a friend a clapping game by using a program.  BWS Exploring (apply) | Teacher Edition   * Instructional Aid 38: Clapping Games * Instructional Aid 5: STEM Engineering Design Process   BJU Press Trove   * Web Link: Hand Clapping Games * PowerPointⓇ presentation | Teacher Edition   * Instructional Aid 39: Coding Rubric: Playing a Game |
| Lesson 135 Test, Cumulative Review | | | |
| Teacher Edition  574–76  Worktext  261 | 135.1 Demonstrate knowledge of  concepts from Chapter 16 by taking the test. |  | Assessments   * Chapter 16 Test   Worktext   * Cumulative Review   Reviews   * Pages 249–50 |

CHAPTER 17: METRIC MEASUREMENT

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 136 Measure in Centimeters | | | |
| Teacher Edition  581–85  Worktext  262–64 | 136.1 Compare the length of objects by using the words **longer** and **shorter**.  136.2 Identify a metric measuring unit for length.  136.3 Measure the length and height of objects in centimeters.  136.4 Compose an addition word problem.  136.5 Explain how measuring length and height helps people care for others. BWS | Teacher Edition   * Instructional Aid 35: Symmetrical Shapes * Instructional Aid 36: Asymmetrical Shapes * Instructional Aid 40: Centimeter  Measurement Worksheet   Visuals   * Rulers: Centimeter, Inch   Student Manipulatives Packet   * Ruler: Centimeter   BJU Press Trove\*   * Video: Ch 17 Intro * Games/Enrichment: Fact Reviews  (Subtraction Facts to 12) * Games/Enrichment: Subtraction Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 251–52 |
| Lesson 137 Estimate & Measure in Centimeters | | | |
| Teacher Edition  586–89  Worktext  265–66 | 137.1 Measure the length and height of objects in centimeters.  137.2 Measure distance in centimeters.  137.3 Estimate the length of an object to the nearest centimeter.  137.4 Measure the length of an object to the nearest centimeter.  137.5 Solve a comparison subtraction problem. | Visuals   * Visual 19: Metric Measurement * Rulers: Centimeter, Paper Clip * Counters: Duck Tracks * Money Kit: 5 nickels, 7 dimes   Student Manipulatives Packet   * Rulers: Centimeter, Paper Clip   BJU Press Trove   * Games/Enrichment: Fact Reviews  (Subtraction Facts to 12) * PowerPointⓇ presentation | Reviews   * Pages 253–54 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 138 Using Liters | | | |
| Teacher Edition  590–93  Worktext  267–68 | 138.1 Identify a metric measuring unit for capacity.  138.2 Compare the capacity of  objects by using the words **more** and **less**.  138.3 Solve a comparison subtraction problem. | Visuals   * Visual 19: Metric Measurement   Student Manipulatives Packet   * Number Cards: 0–9   BJU Press Trove   * Games/Enrichment: Fact Reviews  (Subtraction Facts to 12) * Games/Enrichment: Subtraction Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 255–56 |
| Lesson 139 Using Kilograms | | | |
| Teacher Edition  594–97  Worktext  269–70 | 139.1 Identify a metric measuring unit for mass.  139.2 Identify a tool for measuring mass.  139.3 Compare the mass of objects by using the words **more** or **less**.  139.4 Compose a word problem. | Visuals   * Visual 19: Metric Measurement   BJU Press Trove   * Games/Enrichment: Fact Reviews  (Subtraction Facts to 12) * PowerPointⓇ presentation | Reviews   * Pages 257–58 |
| Lesson 140 Read a Celsius Thermometer | | | |
| Teacher Edition  598–601  Worktext  271–72 | 140.1 Identify a metric measuring unit for temperature.  140.2 Read a Celsius thermometer.  140.3 Match weather-related activities to Celsius temperature.  140.4 Identify measurement units and tools.  140.5 Explain how reading a  thermometer helps people care for others. BWS | Teacher Edition   * Instructional Aid 41: Celsius Thermometer   Visuals   * Visual 20: Temperature * Ruler: Centimeter (the red back)   Student Manipulatives Packet   * Ruler: Centimeter (the red back)   BJU Press Trove   * Games/Enrichment: Fact Reviews  (Subtraction Facts to 12) * Games/Enrichment: Subtraction Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 259–60 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 141 Measure Perimeter | | | |
| Teacher Edition  602–5  Worktext  273–74 | 141.1 Find the perimeter of a figure by using a nonstandard unit of measurement.  141.2 Find the perimeter of a figure in centimeters. | Visuals   * Ruler: Centimeter   Student Manipulatives Packet   * Ruler: Centimeter   BJU Press Trove   * PowerPointⓇ presentation | Reviews   * Pages 261–62 |
| Lesson 142 Chapter 17 Review | | | |
| Teacher Edition  606–9  Worktext  275–76 | 142.1 Recall concepts and terms from Chapter 17. | Teacher Edition   * Instructional Aid 42: Metric Worksheet * Instructional Aid 41: Celsius Thermometer   Student Manipulatives Packet   * Ruler: Centimeter   BJU Press Trove   * Games/Enrichment: Subtraction Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Worktext   * Chapter 17 Review   Reviews   * Pages 263–64 |
| Lesson 143 Test, Cumulative Review | | | |
| Teacher Edition  610–12  Worktext  277 | 143.1 Demonstrate knowledge of  concepts from Chapter 17 by taking the test. |  | Assessments   * Chapter 17 Test   Worktext   * Cumulative Review   Reviews   * Pages 265–66 |

CHAPTER 18: ADDITION & SUBTRACTION FACTS TO 20

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 144 Add Doubles | | | |
| Teacher Edition  617–21  Worktext  278–80 | 144.1 Add double facts for addends 1–10.  144.3 Complete missing addend equations by using doubles.  144.3 Solve a word problem by adding doubles.  144.4 Explain how adding double facts helps people do work.  BWS Working (explain) | Visuals   * Place Value Kit: tens, ones   BJU Press Trove\*   * Video: Ch 18 Intro * Web Link: Virtual Manipulatives: Base Ten Number Pieces * Games/Enrichment: Fact Reviews  (Subtraction Facts to 12) * PowerPointⓇ presentation | Reviews   * Pages 267–68 |
| Lesson 145 Add Near Doubles | | | |
| Teacher Edition  622–25  Worktext  281–82 | 145.1 Write an addition equation for a near double fact (double + 1).  145.2 Add near double facts.  145.3 Solve word problems by using near doubles. | Visuals   * Counters: 20 ducks   Student Manipulatives Packet   * Ruler: Centimeter * Counters: 20 ducks   BJU Press Trove   * Games/Enrichment: Fact Reviews  (Subtraction Facts to 12) * PowerPointⓇ presentation | Reviews   * Pages 269–70 |
| Lesson 146 Add 9 or 10 | | | |
| Teacher Edition  626–29  Worktext  283–84 | 146.1 Add 10 by using the Ten Bar.  146.2 Add 9 by making 10 (using the Ten Bar).  146.3 Solve addition word problems. | Teacher Edition   * Instructional Aid 44: Ten Bar   Student Manipulatives Packet   * Ten Bar Mat   BJU Press Trove   * Web Link: Virtual Manipulatives:  Number Frames * Games/Enrichment: Fact Reviews  (Subtraction Facts to 12) * Games/Enrichment: Subtraction Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 271–72 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 147 Add 6, 7, 8 | | | |
| Teacher Edition  630–33  Worktext  285–86 | 147.1 Add 9 or 10 by using the Ten Bar.  147.2 Add 6, 7, or 8 by making 10  (using the Ten Bar).  147.3 Make 10 mentally while adding.  147.4 Solve a word problem by using the Problem-Solving Plan. | Teacher Edition   * Instructional Aid 44: Ten Bar   Visuals   * Dot Pattern Cards: 0–10   Student Manipulatives Packet   * Dot Pattern Cards: 1–9 * Ten Bar Mat   BJU Press Trove   * Web Link: Virtual Manipulatives:  Number Frames * Games/Enrichment: Fact Reviews  (Subtraction Facts to 12) * PowerPointⓇ presentation | Reviews   * Pages 273–74 |
| Lesson 148 3 Addends | | | |
| Teacher Edition  634–37  Worktext  287–88 | 148.1 Solve a 3-addend equation for a word problem.  148.2 Solve 3-addend equations by using manipulatives.  148.3 Add 3 addends by using the Grouping Principle.  148.4 Solve 3-addend vertical problems.  148.5 Propose a reason to persevere in solving a 3-addend equation for a word problem.  BWS Working (formulate) | Visuals   * Counters: 15 ducks   BJU Press Trove   * Games/Enrichment: Fact Reviews  (Subtraction Facts to 12) * PowerPointⓇ presentation | Reviews   * Pages 275–76 |
| Lesson 149 Double Fact Families | | | |
| Teacher Edition  638–41  Worktext  289–90 | 149.1 Relate subtraction to addition.  149.2 Add double facts for 1–6.  149.3 Identify the fact families for  double facts for 7–10.  149.4 Add double facts for 7–10.  149.5 Solve a word problem involving double facts. | Visuals   * Shapes Kit: 20 circles   BJU Press Trove   * Web Link: Virtual Manipulatives:  Number Frames * PowerPointⓇ presentation | Reviews   * Pages 277–78 |

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| Pages | | Objectives | | Resources & Materials | | Assessments | |
| Lesson 150 Fact Families for 13, 14; Missing Addend | | | | | | | |
| Teacher Edition  642–45  Worktext  291–92 | | 150.1 Separate a set to demonstrate subtraction from 13 and 14.  150.2 Write addition and subtraction equations for fact families for  13 and 14.  150.3 Complete missing addend  equations for word problems. | | Student Manipulatives Packet   * Ten Bar Mat   BJU Press Trove   * PowerPointⓇ presentation | | Reviews   * Pages 279–80 | |
| Lesson 151 Fact Families for 15, 16 | | | | | | | |
| Teacher Edition  646–49  Worktext  293–94 | | 151.1 Separate a set to demonstrate subtraction from 15.  151.2 Write addition and subtraction equations for fact families for  15 and 16.  151.3 Solve a word problem by using the Problem-Solving Plan. | | Student Manipulatives Packet   * Counters: 4 ducks * Ten Bar Mat   BJU Press Trove   * PowerPointⓇ presentation | | Reviews   * Pages 281–82 | |
| Lesson 152 Fact Families for 17, 18; Multistep Problems | | | | | | | |
| Teacher Edition  650–53  Worktext  295–96 | | 152.1 Write addition and subtraction equations for fact families for  17 and 18.  152.2 Solve a multistep word problem. | | Visuals   * Counters: 8 ducks   Student Manipulatives Packet   * Number Cards: 0–9 * Red Mat * Counters: 8 ducks   BJU Press Trove   * Games/Enrichment: Addition Flashcards (facts to 12) * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | | Reviews   * Pages 283–84 | |

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| Pages | Objectives | Resources & Materials | Assessments | |
| Lesson 153 Chapter 18 Review | | | | | |
| Teacher Edition  654–57  Worktext  297–98 | 153.1 Recall concepts and terms from Chapter 18. | Teacher Edition   * Instructional Aid 44: Ten Bar   Student Manipulatives Packet   * Ten Bar Mat   BJU Press Trove   * Web Link: Virtual Manipulatives: Number Frames * Web Link: Virtual Manipulatives: UNIFIXⓇ Cubes * Web Link: Virtual Manipulatives: Base Ten Number Pieces * PowerPointⓇ presentation | | Worktext   * Chapter 18 Review   Reviews   * Pages 285–86 | |
| Lesson 154 Test, Cumulative Review | | | | | |
| Teacher Edition  658–60  Worktext  299 | 154.1 Demonstrate knowledge of  concepts from Chapter 18 by taking the test. |  | | Assessments   * Chapter 18 Test   Worktext   * Cumulative Review   Reviews   * Pages 287–88 | |

chapter 19: write equations with coins

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| Pages | Objectives | Resources | Assessments |
| Lesson 155 Counting Pennies with a Quarter | | | |
| Teacher Edition  665–69  Worktext  300–302 | 155.1 Determine the value of a set of dimes, nickels, and pennies by **counting on**.  155.2 Determine the value of a set of 1 quarter and pennies by  **counting on**.  155.3 Determine whether there is enough money to purchase an item.  155.4 Identify the coins needed to purchase an item.  155.5 Explain that counting pennies with a quarter helps us explore the world by counting more quickly.  BWS Exploring (explain) | Teacher Edition   * Instructional Aid 9: Price Tags * Instructional Aid 45: Coin Purse Mat   Visuals   * Visual 14: Money * Money Kit: 9 pennies, 5 nickels, 5 dimes, 1 quarter   Student Manipulatives Packet   * Number Cards: 0–20 * Money Kit: 1 quarter, 3 dimes, 5 nickels, 7 pennies   BJU Press Trove\*   * Video: Ch 19 Intro * Web Link: Virtual Manipulatives: Analog Clock * Web Link: Learning Coins * Web Link: Virtual Manipulatives: Money Pieces * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 289–90 |

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| Pages | Objectives | Resources & Materials | Assessments |

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| Lesson 156 Counting Nickels with a Quarter | | | |
| Teacher Edition  670–73  Worktext  303–4 | 156.1 Determine the value of a set of dimes, nickels, and pennies.  156.2 Determine the value of a set of 1 quarter and nickels.  156.3 Identify the coins needed to purchase an item.  156.4 Solve money word problems. | Teacher Edition   * Instructional Aid 45: Coin Purse Mat   Visuals   * Visual 1: Hundred Chart * Visual 14: Money * Money Kit: 2 quarters, 8 dimes, 5 nickels, 6 pennies   Student Manipulatives Packet   * Number Cards: 0–20 * Money Kit: 2 quarters, 8 dimes, 5 nickels, 6 pennies   BJU Press Trove   * Video: Nickels with Quarter * Web Link: Learning Coins * Web Link: Virtual Manipulatives: Money Pieces * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 291–92 |
| Lesson 157 Counting Dimes with a Quarter | | | |
| Teacher Edition  674–77  Worktext  305–6 | 157.1 Determine the value of a set of dimes, nickels, and pennies up to 99¢.  157.2 Determine the value of a set of 1 quarter and dimes.  157.3 Identify the coins needed to purchase an item.  157.4 Solve money word problems. | Teacher Edition   * Instructional Aid 45: Coin Purse Mat   Visuals   * Visual 1: Hundred Chart * Money Kit: 1 quarter, 6 dimes, 4 nickels, 7 pennies   Student Manipulatives Packet   * Number Cards: 0–20 * Money Kit: 1 quarter, 4 dimes, 4 nickels, 5 pennies   BJU Press Trove   * Video: Dimes with Quarter * Web Link: Learning Coins * Web Link: Virtual Manipulatives: Money Pieces * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 293–94 |

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| Pages | Objectives | Resources & Materials | Assessments |

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| Lesson 158 Counting with 2 Quarters | | | |
| Teacher Edition  678–81  Worktext  307–8 | 158.1 Determine the value of a set of 1 quarter and pennies and a set of 2 quarters and pennies.  158.2 Determine the value of a set of 1 quarter and nickels and a set of 2 quarters and nickels.  158.3 Determine the value of a set of 1 quarter and dimes and a set of 2 quarters and dimes.  158.4 Identify the coins needed to purchase an item.  158.5 Solve money word problems.  158.6 Express praise to God for a world where math works so well.  BWS Exploring (formulate) | Teacher Edition   * Instructional Aid 45: Coin Purse Mat   Visuals   * Money Kit: 2 quarters, 4 dimes, 6 nickels, 10 pennies   Student Manipulatives Packet   * DQ Clock * Number Cards: 0–20 * Money Kit: 2 quarters, 4 dimes, 4 nickels, 10 pennies   BJU Press Trove   * Web Link: Learning Coins * Web Link: Virtual Manipulatives: Money Pieces * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 295–96 |
| Lesson 159 Equal Sets | | | |
| Teacher Edition  682–85  Worktext  309–10 | 159.1 Identify the number of sets and the number of objects in each set.  159.2 Count by 2s, 3s, or 5s to find the total.  159.3 Make equal sets. | Teacher Edition   * Instructional Aid 46: Repeated Addition Mat   Visuals   * Money Kit: 20 pennies   Student Manipulatives Packet   * Money Kit: 20 pennies   BJU Press Trove   * PowerPointⓇ presentation | Reviews   * Pages 297–98 |
| Lesson 160 Repeated Addition | | | |
| Teacher Edition  686–89  Worktext  311–12 | 160.1 Identify the number of sets and the number of objects in each set.  160.2 Count by 2s, 3s, and 5s to find the total.  160.3 Make equal sets.  160.4 Complete a repeated addition problem.  160.5 Write a repeated addition equation for a word problem. | Teacher Edition   * Instructional Aid 46: Repeated Addition Mat   Visuals   * Counters: 20 cars   Student Manipulatives Packet   * Counters: 20 cars   BJU Press Trove   * PowerPointⓇ presentation | Reviews   * Pages 299–300 |

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| Pages | Objectives | Resources & Materials | Assessments |

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| Lessons 161–62 Writing Repeated Addition Equations | | | |
| Teacher Edition  690–93  Worktext  313–14 | 161–62.1 Identify the number of sets and the number of objects in each set.  161–62.2 Count by 2s, 3s, and 5s to find the total.  161–62.3 Write a repeated addition equation for sets of objects.  161–62.4 Write a repeated addition equation for a word problem. | Visuals   * Counters: 20 candies   BJU Press Trove   * PowerPointⓇ presentation | Reviews   * Pages 301–2 |
| Lesson 163 Chapter 19 Review | | | |
| Teacher Edition  694–697  Worktext  315–16 | 163.1 Recall concepts and terms from Chapter 19. | Teacher Edition   * Instructional Aid 45: Coin Purse Mat   Visuals   * Money Kit: 2 quarters, 7 dimes, 7 nickels, 5 pennies   Student Manipulatives Packet   * Money Kit: 2 quarters, 7 dimes, 7 nickels, 5 pennies   BJU Press Trove   * Web Link: Virtual Manipulatives: Money Pieces * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Worktext   * Chapter 19 Review   Reviews   * Pages 303–4 |
| Lesson 164 Test, Cumulative Review | | | |
| Teacher Edition  698–700  Worktext  317 | 164.1 Demonstrate knowledge of concepts from Chapter 19 by taking the test. |  | Assessments   * Chapter 19 Test   Worktext   * Cumulative Review   Reviews   * Pages 305–6 |

chapter 20: TIME & CALENDAR

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 165 Time to the Hour & Half-Hour | | | |
| Teacher Edition  703–7  Worktext  318–20 | 165.1 Distinguish the parts of an analog clock.  165.2 Identify 1 hour as 60 minutes and a half-hour as 30 minutes.  165.3 Write time to the hour and the half-hour.  165.4 Demonstrate time to the hour and the half-hour on a clock.  165.5 Draw hands on a clock to show time to the hour and the half-hour.  165.6 Explain how telling time to the half-hour can be used to care for others.  BWS Caring (explain) | Visuals   * Visual 1: Hundred Chart   Student Manipulatives Packet   * DQ Clock * Number Cards: 0–20   BJU Press Trove\*   * Video: Ch 20 Intro * Web Link: Virtual Manipulatives: Analog Clock * Web Link: Learn to Tell Time * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 307–8 |
| Lessons 166–67 Time to 5 Minutes | | | |
| Teacher Edition  708–11  Worktext  321–22 | 166–67.1 Determine the minutes in 1 hour or a half-hour by counting by 5s.  166–67.2 Tell time to the nearest 5-minute interval.  166–67.3 Demonstrate time to the nearest 5-minute interval. | Teacher Edition   * Instructional Aid 1: Bar Graph   Student Manipulatives Packet   * DQ Clock * Number Cards: 0–20   BJU Press Trove   * Web Link: Virtual Manipulatives: Analog Clock * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 309–10 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lessons 168–69 Using a Schedule | | | |
| Teacher Edition  712–15  Worktext  323–24 | 168–69.1 Write time to the nearest 5-minute interval.  168–69.2 Determine the elapsed time.  168–69.3 Read a table to use a schedule.  168–69.4 Use a schedule to care for others.  **BWS** Caring (apply) | Teacher Edition   * Instructional Aid 47: School Schedule   Visuals   * Visual 1: Hundred Chart   Student Manipulatives Packet   * Number Cards: 0–20 * DQ Clock   BJU Press Trove   * Video: Time Passed * Web Link: Virtual Manipulatives: Analog Clock * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 311–12 |
| Lesson 170 Using Calendars | | | |
| Teacher Edition  716–19  Worktext  325–26 | 170.1 Name the days of the week and the months of the year in order.  170.2 Name the day of the week or the month of the year that comes next.  170.3 Read a calendar. | Teacher Edition   * Song: “Days of the Week” * Song: “There Are Twelve Months” * Instructional Aid 2: Hundred Chart * Instructional Aid 12: Days of the Week Cards * Instructional Aid 13: Months of the Year Cards   Visuals   * Visual 1: Hundred Chart * Visual 16: 12-Month Calendar   Student Manipulatives Packet   * Number Cards: 0–20   BJU Press Trove   * Web Link: Calendar Quiz * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Reviews   * Pages 313–14 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 171 Chapter 20 Review | | | |
| Teacher Edition  720–23  Worktext  327–28 | 171.1 Recall concepts and terms from Chapter 20. | Teacher Edition   * Instructional Aid 2: Hundred Chart * Instructional Aid 47: School Schedule * Instructional Aid 12: Days of the Week Cards * Instructional Aid 13: Months of the Year Cards   Visuals   * Visual 1: Hundred Chart   Student Manipulatives Packet   * Number Cards: 0–20   BJU Press Trove   * Web Link: Virtual Manipulatives: Analog Clock * Web Link: Learn to Tell Time * Web Link: Calendar Quiz * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * PowerPointⓇ presentation | Worktext   * Chapter 20 Review   Reviews   * Pages 315–16 |
| Lesson 172 Test, Cumulative Review | | | |
| Teacher Edition  724–26  Worktext  329 | 172.1 Demonstrate knowledge of concepts from Chapter 20 by taking the test. |  | Assessments   * Chapter 20 Test   Worktext   * Cumulative Review   Reviews   * Pages 317–18 |

chapter 21: ADDITION WITH Three-DIGIT NUMBERS

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| Pages | Objectives | Resources | Assessments |
| Lesson 173 Adding Hundreds | | | |
| Teacher Edition  731–35  Worktext  330–32 | 173.1 Add 3-digit numbers by using manipulatives.  173.2 Write an addition or subtraction equation for a word problem.  173.3 Explain how writing an addition or subtraction equation helps people do work.  BWS Working (explain) | Visuals   * Visual 21: Problem-Solving Plan * Place Value Kit: hundreds, tens, ones   Student Manipulatives Packet   * Hundreds/Tens/Ones Mat * Place Value Kit: hundreds, tens, ones   BJU Press Trove\*   * Video: Ch 21 Intro * Web Link: Virtual Manipulatives: Base Ten Number Pieces * Games/Enrichment: Fact Reviews (Addition Facts to 18) * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 319–20 |
| Lesson 174 Practicing Adding Hundreds | | | |
| Teacher Edition  736–39  Worktext  333–34 | 174.1 Add 3-digit numbers with and without manipulatives.  174.2 Write an addition or subtraction equation for a word problem. | Visuals   * Visual 21: Problem-Solving Plan * Place Value Kit: hundreds, tens, ones   Student Manipulatives Packet   * Hundreds/Tens/Ones Mat * Place Value Kit: hundreds, tens, ones   BJU Press Trove   * Web Link: Virtual Manipulatives: Base Ten Number Pieces * Games/Enrichment: Fact Reviews (Addition Facts to 18) * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 321–22 |

\*Digital resources for homeschool users are available on Homeschool Hub.

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| Lesson 175 Problem Solving | | | |
| Teacher Edition  740–43  Worktext  335–36 | 175.1 Add 3-digit numbers.  175.2 Solve addition and subtraction problems by using the Problem- Solving Plan.  175.3 Use an addition or subtraction equation to do work.  BWS Working (apply) | Visuals   * Visual 21: Problem-Solving Plan * Place Value Kit: hundreds, tens, ones   Student Manipulatives Packet   * Hundreds/Tens/Ones Mat * Place Value Kit: hundreds, tens, ones   BJU Press Trove   * Web Link: Virtual Manipulatives: Base Ten Number Pieces * Games/Enrichment: Fact Reviews (Subtraction Facts to 18) * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Reviews   * Pages 323–24 |
| Lesson 176 Renaming 10 Ones | | | |
| Teacher Edition  744–47  Worktext  337–38 | 176.1 Rename 10 ones as 1 ten by using manipulatives.  176.2 Add 3-digit numbers with and without renaming. | Visuals   * Place Value Kit: hundreds, tens, ones   Student Manipulatives Packet   * Hundreds/Tens/Ones Mat * Place Value Kit: hundreds, tens, ones   BJU Press Trove   * Web Link: Virtual Manipulatives: Base Ten Number Pieces * PowerPointⓇ presentation | Reviews   * Pages 325–26 |
| Lessons 177–78 Adding Hundreds with Renaming | | | |
| Teacher Edition  748–51  Worktext  339–40 | 177–78.1 Add 3-digit numbers with and without renaming.  177–78.2 Solve a word problem by writing an addition equation. | Visuals   * Visual 21: Problem-Solving Plan * Place Value Kit: hundreds, tens, ones   Student Manipulatives Packet   * Hundreds/Tens/Ones Mat * Place Value Kit: hundreds, tens, ones   BJU Press Trove   * Web Link: Virtual Manipulatives: Base Ten Number Pieces * PowerPointⓇ presentation | Reviews   * Pages 327–28 |

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| Pages | Objectives | Resources & Materials | Assessments |
| Lesson 179 Chapter 21 Review | | | |
| Teacher Edition  752–55  Worktext  341–42 | 179.1 Recall concepts and terms from Chapter 21. | Teacher Edition   * Instructional Aid 2: Hundred Chart   Visuals   * Visual 1: Hundred Chart   Student Manipulatives Packet   * Hundreds/Tens/Ones Mat * Place Value Kit: hundreds, tens, ones   BJU Press Trove   * Games/Enrichment: Fact Reviews (Subtraction Facts to 18) * Games/Enrichment: Addition Flashcards * Games/Enrichment: Subtraction Flashcards * Games/Enrichment: Fact Fun Activities * PowerPointⓇ presentation | Worktext   * Chapter 21 Review   Reviews   * Pages 329–30 |
| Lesson 180 Test, Cumulative Review | | | |
| Teacher Edition  756–59  Worktext  343–44 | 180.1 Demonstrate knowledge of concepts from Chapter 21 by taking the test. |  | Assessments   * Chapter 21 Test   Worktext   * Cumulative Review   Reviews   * Pages 331–32 |