

MATH 1, 5TH EDITION • LESSON PLAN OVERVIEW

CHAPTER 1: NUMBERS TO 10

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. <u>BWS</u> Exploring (recall)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Number Cards: 0–3 • Dot Pattern Cards: 0–3 • Shapes Kit: 1 circle <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Shapes Kit: 3 circles • Red Mat <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • Video: Ch 1 Intro • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Number Cards: 0–5 • Dot Pattern Cards: 0–5 • Shapes Kit: 1 rectangle <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–5 • Shapes Kit: 9 rectangles • Red Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Number Cards 0–9 • Dot Pattern Cards: 0–9 • Shapes Kit: 10 squares, 10 circles <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 • Red Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Virtual Manipulatives: UNIFIX® Cubes • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 5–6

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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. <u>BWS</u> Exploring (explain)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • 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 <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Counters: 10 ducks • Red Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Connect the Dots 1–10 • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 7–8
Lesson 5 Chapter 1 Review			
Teacher Edition 20–23 Worktext 11–12	5.1 Recall concepts and terms from Chapter 1.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • 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 <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–10 • Money Kit: 20 pennies • Red Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 1 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 1 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 11–12

CHAPTER 2: NUMBERS TO 20

Pages	Objectives	Resources	Assessments
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. <u>BWS</u> Work (recall)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Number Cards: 1–5, 11–12 • Visual 15: <i>Clock</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Counters: 12 ducks • Shapes Kit: 12 yellow circles <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • Video: Ch 2 Intro • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Number Cards: 0–14 • Dot Pattern Cards: 0–10 • DQ Puppet <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Ten Bar Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Visual 22: <i>Pictograph</i> • Dot Pattern Cards: 0–10 • Number Cards: 15–16 • DQ Puppet • Counters: 14 ducks <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Counters: 16 ducks for each pair of students <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Virtual Manipulatives: Number Chart • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 17–18

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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. <u>BWS</u> Work (explain)	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 1: <i>Bar Graph</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Visual 23: <i>Bar Graph</i> • Number Cards: 17–18 • Shapes Kit: 30 shapes (an assortment of circles, rectangles, and triangles) <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Ten Bar Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Connect the Dots 1–20 • Web Link: Comparing Number Values • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Number Cards: 1–20 • Money Kit: 30 pennies, 3 dimes <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Red Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Numerical Order • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 21–22
Lesson 12 Chapter 2 Review			
Teacher Edition 50–53 Worktext 25–26	12.1 Recall concepts and terms from Chapter 2.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Number Cards: 1–20 • DQ Puppet • Counters: 20 ducks <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 2 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 23–24

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 <ul style="list-style-type: none"> • Chapter 2 Test Worktext <ul style="list-style-type: none"> • Cumulative Review Reviews <ul style="list-style-type: none"> • Pages 25–26

CHAPTER 3: ADDITION FACTS TO 6

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. <u>BWS</u> Caring (recall)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Counters: 6 white ducks, 6 brown ducks <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Counters: 6 white ducks, 6 brown ducks • Red Mat <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • Video: Ch 3 Intro • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Dot Pattern Cards: 2–10 • Number Cards: 0–6 • Counters: 6 cars <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–6 • Sign Cards: plus sign, equals sign <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Counters: 6 ducks • Money Kit: 6 pennies <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Money Kit: 6 pennies <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Number Cards: 0–6 • Sign Cards: plus sign, equals sign • Shapes: 6 yellow circles, 6 blue circles, 3 red squares, 1 red triangle <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Ten Bar Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Add 4, 5, 6 • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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. <u>BWS</u> Caring (explain)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Number Cards: 0–20 • Sign Cards: plus sign, equals sign • Shapes: 6 yellow triangles, 6 blue triangles <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 37–38

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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Counters: 6 white ducks, 6 brown ducks <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Red Mat • Counters: 6 white ducks, 6 brown ducks <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 3 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 3 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 41–42

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 <i>before</i> and <i>after</i> . 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. <u>BWS</u> Exploring (recall)	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 2: <i>Hundred Chart</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Visuals 2–11: <i>Ten to One Hundred</i> • Shapes Kit: 4 yellow circles <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • Video: Ch 4 Intro • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visuals 2–11: <i>Ten to One Hundred</i> • DQ Puppet <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 • Tens/Ones Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Place Value Kit: Tens, Ones • Sign Cards: Greater than, Less than <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Greater and Lesser • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 2: <i>Hundred Chart</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Money Kit: 9 dimes, 12 pennies <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 • Money Kit: 9 dimes, 25 pennies <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 3: <i>Pictograph</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Money Kit: 9 dimes, 9 pennies • Sign Cards: Greater than, Less than <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–6 • Tens/Ones Mat • Money Kit: 9 dimes, 9 pennies <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <p>Pages 51–52</p>

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. <u>BWS</u> Exploring (explain)	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 4: <i>Number Patterns</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Money Kit: 10 dimes, 10 nickels • Shapes Kit: 4 red circles, 5 yellow circles • Number Line <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 • DQ Puppet • Number Line <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Skip Counting • Web Link: Virtual Manipulatives: Number Line • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Place Value Kit: Hundreds, Tens, Ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Place Value Kit: Hundreds, Tens, Ones • Hundreds/Tens/Ones Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Hundreds • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Place Value Kit: Hundreds, Tens, Ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Place Value Kit: Hundreds, Tens, Ones • Hundreds/Tens/Ones Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 57–58

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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 4: <i>Number Patterns</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Visuals 2–11: <i>Ten to One Hundred</i> • Sign Cards: Greater than, Less than <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 4 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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. <u>BWS</u> Exploring (explain)	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 5: <i>STEM Engineering Design Process</i> • Instructional Aid 6: <i>DQ’s Library Books</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • DQ Puppet • Counters: 6 duck tracks <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Counters: 6 duck tracks <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 7: <i>Coding Rubric: Following Steps</i>
Lesson 33 Test, Cumulative Review			
Teacher Edition 136–38 Worktext 65	33.1 Demonstrate knowledge of concepts from Chapter 4 by taking the test.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 4 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 61–62

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. <u>BWS</u> Working (explain)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Number Cards: 0–6 • Sign Cards: minus sign, equals sign • Counters: 6 candies <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Counters: 6 candies • Red Mat <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • Video: Ch 5 Intro • Games/Enrichment: Fact Reviews: (Addition Facts to 6) • Games/Enrichment: Addition Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • DQ puppet • Counters: 6 ducks • Money Kit: 7 pennies <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Counters: 6 ducks • Duck Pond Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Addition Facts to 6) • Games/Enrichment: Addition Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 65–66

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

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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Money Kit: 6 pennies <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 • Sign Cards: minus sign, equals sign <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Addition Facts to 6) • Games/Enrichment: Addition Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Shape Kit: 6 yellow circles <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Shape Kit: 6 circles • Red Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • 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 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 69–70

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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Shapes Kit: 6 red squares, 6 blue squares, 6 red triangles <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Red Mat • Number Cards: 0–6 • Dot Pattern Cards: 0–6 • Sign Cards: minus sign, equals sign <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Subtraction Sentences • Games/Enrichment: Fact Reviews (Addition Facts to 6) • Games/Enrichment: Addition Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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. <u>BWS</u> Working (explain)	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 8: <i>Names for 0 & 3</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Counters: 6 ducks <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Addition Facts to 6) • Games/Enrichment: Addition Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 73–74
Lesson 40 Chapter 5 Review			
Teacher Edition 168–71 Worktext 79–80	40.1 Recall concepts and terms from Chapter 5.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Counters: 6 candies <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Counters: 6 candies • Red Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Addition Facts to 6) • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 5 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 75–76

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 <ul style="list-style-type: none"> • Chapter 5 Test Worktext <ul style="list-style-type: none"> • Cumulative Review Reviews <ul style="list-style-type: none"> • Pages 77–78

CHAPTER 6: COUNTING COINS

Pages	Objectives	Resources & Materials	Assessments
Lesson 42 Penny, Nickel, Dime			
<p>Teacher Edition 179–83</p> <p>Worktext 82–84</p>	<p>42.1 Identify pennies, nickels, dimes, and quarters.</p> <p>42.2 Identify the value of a penny, a nickel, and a dime.</p> <p>42.3 Recall how identifying pennies, nickels, and dimes helps others. BWS Caring (Recall)</p>	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 14: <i>Money</i> • Money Kit: 16 pennies, 1 nickel, 1 dime • Place Value Kit: 1 hundred, 10 tens, 10 ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Money Kit: 16 pennies, 1 nickel, 1 dime • Red Mat • Number Cards: 0–6 <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • Video: Ch 6 Intro • Web Link: Learning Coins • Games/Enrichment: Fact Reviews (Addition Facts to 6) • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 79–80
Lesson 43 Count with Coins			
<p>Teacher Edition 184–87</p> <p>Worktext 85–86</p>	<p>43.1 Identify the value of a penny, a nickel, and a dime.</p> <p>43.2 Count by 1s to determine the value of a set of pennies.</p> <p>43.3 Count by 5s to determine the value of a set of nickels.</p> <p>43.4 Count by 10s to determine the value of a set of dimes.</p> <p>43.5 Determine whether there is enough money to purchase an item.</p>	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Money Kit: 10 pennies, 10 nickels, 10 dimes <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–6 • Red Mat • Money Kit: 10 pennies, 10 nickels, 10 dimes <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Count Coins • Games/Enrichment: Fact Reviews (Addition Facts to 6) • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 81–82

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

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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 9: <i>Price Tags</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Money Kit: 10 pennies, 10 dimes <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards 0–6 • Red Mat • Money Kit: 10 dimes, 10 pennies <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Dimes and Pennies • Games/Enrichment: Fact Reviews (Addition Facts to 6) • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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. <u>BWS</u> Caring (Explain)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Money Kit: 10 pennies, 10 nickels <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–6 • Red Mat • Money Kit: 10 pennies, 10 nickels <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Probability • Games/Enrichment: Fact Reviews (Addition Facts to 6) • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 85–86

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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Visual 14: <i>Money</i> • Money Kit: 10 pennies, 10 nickels, 10 dimes <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–6 • Red Mat • Money Kit: 10 pennies, 10 nickels, 10 dimes <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 6 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 6 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 89–90

CHAPTER 7: ADDITION FACTS TO 12

Pages	Objectives	Resources & Materials	Assessments
Lesson 48 <i>Count on 1 or 2</i>			
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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Number Line <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–6 • Red Mat • Number Line • DQ Puppet <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • Video: Ch 7 Intro • Web Link: Addition with Manipulatives • Games/Enrichment: Fact Fun Activities • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 91–92
Lesson 49 <i>Zero & Order Principles</i>			
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. <u>BWS</u> Exploring (Explain)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Number Line • Money Kit: 5 dimes, 5 pennies • Counters: 12 candies <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Line • Number Cards: 0–12 • Sign Cards: plus sign, equals sign <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 93–94

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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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Number Line • DQ Puppet <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Line • DQ Puppet • Number Cards: 0–6 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Counters: 10 cars, 12 ducks <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–6 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: 3 Addends • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–11 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Virtual Manipulatives: Number Frames • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 99–100

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. <u>BWS</u> Exploring (Apply)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • DQ Puppet • Number Line <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Ten Bar Mat • Number Cards: 0–6 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 101–2
Lesson 54 Chapter 7 Review			
Teacher Edition 232–35 Worktext 107–8	54.1 Recall concepts and terms from Chapter 7.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Number Line <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–6 • Number Line • DQ Puppet <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 7 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 7 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 105–6

CHAPTER 8: TIME & CALENDAR

Pages	Objectives	Resources & Materials	Assessments
Lesson 56 Telling Time			
<p>Teacher Edition 243–47</p> <p>Worktext 110–12</p>	<p>56.1 Sequence events.</p> <p>56.2 Distinguish the parts of an analog clock.</p> <p>56.3 List activities that take about 1 hour and that take about 1 minute.</p> <p>56.4 Tell time to the hour.</p> <p>56.5 Demonstrate time to the hour on a clock.</p> <p>56.6 Write time to the hour by using <i>o'clock</i>.</p> <p>56.7 Recall that telling time helps people plan their work. <u>BWS</u> Working (recall)</p>	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • DQ Puppet <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • DQ Puppet • Number Cards: 0–10 • DQ Clock <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • 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 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 107–8
Lesson 57 Using Clocks to Write Time			
<p>Teacher Edition 248–51</p> <p>Worktext 113–14</p>	<p>57.1 Determine whether an activity takes more than or less than 1 hour.</p> <p>57.2 Demonstrate time to the hour.</p> <p>57.3 Tell time from a digital clock.</p> <p>57.4 Write time to the hour in digital form.</p> <p>57.5 Match an analog clock to the correct digital time.</p>	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Place Value Kit: 1 hundred, 3 tens, 11 ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–10 • DQ Clock <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Virtual Manipulatives: Analog Clock • Games/Enrichment: Fact Reviews (Subtraction Facts to 6) • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 109–10

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

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. <u>BWS</u> Working (explain)	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 10: <i>Farm Schedule</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–10 • DQ Clock • Sign Cards: Plus, Equals <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Elapsed Time • Web Link: Virtual Manipulatives: Analog Clock • Games/Enrichment: Fact Reviews (Subtraction Facts to 6) • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–11 • Sign Cards: Minus, Equals <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Virtual Manipulatives: Analog Clock • Games/Enrichment: Fact Reviews (Subtraction Facts to 6) • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 113–14

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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 11: <i>Scrubbing Schedule</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Shapes Kit: 6 circles <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • DQ Clock • Number Cards: 0–11 • Sign Cards: Plus, Equals <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • 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 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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 .	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Song: “God Made Seven Days in a Week” • Song: “There Are Twelve Months” • Instructional Aid 12: <i>Days of the Week Cards</i> • Instructional Aid 13: <i>Months of the Year Cards</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 16: <i>12-Month Calendar</i> • Place Value Kit: 9 tens, 9 ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–12 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Calendars • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 117–18

Pages	Objectives	Resources & Materials	Assessments
Lesson 64 Chapter 8 Review			
<p>Teacher Edition 268–71</p> <p>Worktext 123–24</p>	<p>64.1 Recall concepts and terms from Chapter 8.</p>	<p>Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 11: <i>Scrubbing Schedule</i> • Instructional Aid 12: <i>Days of the Week Cards</i> • Instructional Aid 13: <i>Months of the Year Cards</i> <p>Visuals</p> <ul style="list-style-type: none"> • Visual 16: <i>12-Month Calendar</i> • Number Cards: 0–6 • Sign Cards: Plus, Minus, Equals <p>Student Manipulatives Packet</p> <ul style="list-style-type: none"> • DQ Clock • Number Cards: 0–12 • Sign Cards: Plus, Minus, Equals <p>BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Virtual Manipulatives: Analog Clock • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p>Worktext</p> <ul style="list-style-type: none"> • Chapter 8 Review <p>Reviews</p> <ul style="list-style-type: none"> • Pages 119–20
Lesson 65 Coding: Working Better			
<p>Teacher Edition 272–75</p> <p>Worktext 125–26</p>	<p>65.1 Follow the Engineering Design Process to solve a problem.</p> <p>65.2 Write a program.</p> <p>65.3 Combine repeating steps into a single loop.</p> <p>65.4 Write a program with loops.</p> <p>65.5 Debug a program.</p> <p>65.6 Explain how loops help people do their work better.</p> <p><u>BWS</u> Working (explain)</p>	<p>Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 5: <i>STEM Engineering Design Process</i> • Instructional Aid 14: <i>Finding Quigley</i> <p>Visuals</p> <ul style="list-style-type: none"> • Counters: 6 duck tracks <p>Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Grid Mat • Counters: 16 duck tracks • Farm Elements: DQ • Farm Elements: Ned the Horse • Farm Elements: Sass the Cow • Counters: 8 circles <p>BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p>Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 15: <i>Coding Rubric: Working Better</i>

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 <ul style="list-style-type: none"> • Chapter 8 Test Worktext <ul style="list-style-type: none"> • Cumulative Review Reviews <ul style="list-style-type: none"> • Pages 121–22

CHAPTER 9: FRACTIONS

Pages	Objectives	Resources & Materials	Assessments
Lesson 67 Halves			
<p>Teacher Edition 283–87</p> <p>Worktext 128–30</p>	<p>67.1 Identify objects partitioned into equal parts.</p> <p>67.2 Describe $\frac{1}{2}$ as 1 of 2 equal parts of a whole.</p> <p>67.3 Read a fraction with halves.</p> <p>67.4 Identify $\frac{1}{2}$ and $\frac{2}{2}$ of an object.</p> <p>67.5 Partition a shape into halves.</p> <p>67.6 Identify ways fractions help people care for others. <u>BWS</u> Caring (recall)</p>	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 16: <i>Food Pictures</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Visual 17: <i>Halves, Thirds, Fourths</i> • Fraction Kit: 1 whole, two $\frac{1}{2}$ pieces • Shapes Kit: 1 orange hexagon, 1 brown trapezoid, 1 purple rhombus, 1 blue triangle <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • DQ Puppet • Number Cards: 0–12 <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • Video: Ch 9 Intro • Games/Enrichment: Fact Reviews (Subtraction Facts to 6) • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 123–24
Lesson 68 Thirds			
<p>Teacher Edition 288–91</p> <p>Worktext 131–32</p>	<p>68.1 Identify objects partitioned into 3 equal parts.</p> <p>68.2 Describe $\frac{1}{3}$ as 1 of 3 equal parts of a whole.</p> <p>68.3 Read a fraction with thirds.</p> <p>68.4 Identify $\frac{1}{3}$, $\frac{2}{3}$, and $\frac{3}{3}$ of an object.</p> <p>68.5 Color $\frac{1}{3}$, $\frac{2}{3}$, and $\frac{3}{3}$ of a shape.</p>	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 17: <i>Fraction Circle: Thirds</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 17: <i>Halves, Thirds, Fourths</i> • Fraction Kit: 1 whole, three $\frac{1}{3}$ pieces • Shapes Kit: 1 orange hexagon, 3 purple rhombuses, 3 blue triangles, 1 brown trapezoid <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Shapes Kit: 1 orange hexagon, 3 purple rhombuses, 3 blue triangles, 1 brown trapezoid • Number Cards: 0–12 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Subtraction Facts to 6) • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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 $\frac{1}{4}$ as 1 of 4 equal parts of a whole. 69.3 Read a fraction with fourths. 69.4 Identify $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$, and $\frac{4}{4}$. 69.5 Describe 1 of 6 pieces as $\frac{1}{6}$ and 1 of 8 pieces as $\frac{1}{8}$.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 18: <i>Pizza & Brownies</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 17: <i>Halves, Thirds, Fourths</i> • Fraction Kit: 1 whole, four $\frac{1}{4}$ pieces • Place Value Kit: 1 hundred, 4 tens, 11 ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–12 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Fourths • Games/Enrichment: Fact Reviews (Subtraction Facts to 6) • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 127–28
Lesson 70 Part of a Set			
Teacher Edition 296–99 Worktext 135–36	70.1 Describe $\frac{1}{2}$ of a set of 2 objects and $\frac{1}{2}$ of a set of 4 objects. 70.2 Identify $\frac{1}{3}$ and $\frac{2}{3}$ of a set. 70.3 Identify $\frac{1}{4}$, $\frac{2}{4}$, and $\frac{3}{4}$ of a set. 70.4 Match part of a set to the correct fraction.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Shapes Kit: 3 red circles, 3 yellow circles <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Shapes Kit: 3 red circles, 3 yellow circles • Number Cards: 0–12 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Part of a Set • Games/Enrichment: Fact Reviews (Subtraction Facts to 6) • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 129–30

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

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. <u>BWS</u> Caring (explain)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Money Kit: 12 pennies, 9 nickels, 6 dimes <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–12 • Counters: 12 cars <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Fair Shares • Games/Enrichment: Fact Reviews (Subtraction Facts to 6) • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 19: <i>Fraction Circle: Fourths</i> • Instructional Aid 20: <i>Fraction Circle: Sixths</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–12 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 133–34

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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 20: <i>Fraction Circle: Sixths</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Fraction Kit • Shapes Kit: 3 green squares, 3 blue squares • Counters: 12 candies • Money Kit: pennies, nickels, and dimes <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards 0–12 • Fraction Kit <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 9 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 9 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 137–38

CHAPTER 10: SUBTRACTION FACTS TO 12

Pages	Objectives	Resources & Materials	Assessments
Lesson 75 <i>Count Back 1 or 2; Subtract 0</i>			
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. <u>BWS</u> Exploring (explain)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Number Line • Counters: 10 soccer balls <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–12 • Soccer Field Mat • Counters: 10 soccer balls <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • Video: Ch 10 Intro • Web Link: Virtual Manipulatives: Number Line • Games/Enrichment: Fact Reviews (Addition Facts to 8) • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 139–40
Lesson 76 <i>Subtract All; Subtract Nearly All</i>			
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 .	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Place Value Kit: 1 hundred, 5 tens, 12 ones • Counters: 10 orange and 10 blue soccer balls • Number Line • DQ Puppet <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–12 • Number Line • DQ Puppet <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Addition Facts to 8) • Games/Enrichment: Addition Flashcards • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Counters: 8 orange and 5 blue soccer balls • Shapes Kit: 12 circles <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–12 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Virtual Manipulatives: Number Frames • Games/Enrichment: Fact Reviews (Addition Facts to 8) • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 17: <i>Halves, Thirds, Fourths</i> • Counters: circles <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–12 • Ten Bar Mat • Money Kit: 10 pennies <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Separate a Set • Web Link: Virtual Manipulatives: Number Frames • Games/Enrichment: Fact Reviews (Addition Facts to 8) • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 145–46

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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 19: <i>Fraction Circle: Fourths</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Counters: 9 soccer balls <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Soccer Field Mat • Counters: 9 soccer balls • Number Cards: 0–12 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Addition Flashcards • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Number Cards: 0–12 • Sign Cards: Plus, Minus, Equals <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–12 • Ten Bar Mat • Sign Cards: Plus, Minus, Equals <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Addition Flashcards • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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. <u>BWS</u> Exploring (evaluate)	<p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–12 • Ten Bar Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Virtual Manipulatives: UNIFIX® Cubes • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Number Line • DQ Puppet • Shapes Kit: rectangles, circles <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Line • DQ Puppet • Shapes Kit: rectangles, circles <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Fun Activities • Games/Enrichment: Addition Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 10 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 10 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 155–56

CHAPTER 11: CUSTOMARY MEASUREMENT

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. <u>BWS</u> Working (explain)	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 23: <i>Measuring Worksheet</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 18: <i>Customary Measurement</i> • Rulers: Paper clip, Inch <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Rulers: Paper clip, Inch • Number Cards: 0–9 <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • Video: Ch 11 Intro • Games/Enrichment: Fact Reviews (Addition Facts to 10) • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 24: <i>Animal Measurement</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 18: <i>Customary Measurement</i> • Ruler: Inch <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • 2 DQ Clocks • Ruler: Inch • Number Cards: 0–9 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Measuring: Find Lengths with a Ruler • Games/Enrichment: Fact Reviews (Addition Facts to 10) • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 18: <i>Customary Measurement</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Addition Facts to 10) • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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. <u>BWS</u> Working (apply)	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Song: “Wide, Wide as the Ocean” <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 18: <i>Customary Measurement</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Addition Facts to 10) • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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 <i>more</i> or <i>less</i> . 88.3 Solve word problems involving measurements.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 18: <i>Customary Measurement</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 • Sign Cards: Greater than, Less than <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Fun Activities • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 165–66

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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 25: <i>Fahrenheit Thermometer</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 20: <i>Temperature</i> • Ruler: Centimeter <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Ruler: Centimeter • Number Cards: 0–9 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Fact Fun Activities • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 167–68
Lesson 90 Chapter 11 Review			
Teacher Edition 384–87 Worktext 175–76	90.1 Recall concepts and terms from Chapter 11.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 26: <i>Measurement Review</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Ruler: Inch <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Fun Activities • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 11 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 11 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 171–72

CHAPTER 12: ADDITION WITH TWO-DIGIT NUMBERS

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. <u>BWS</u> Caring (explain)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Place Value Kit: tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 • Tens/Ones Mat <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • Video: Ch 12 Intro • Web Link: Virtual Manipulatives: Base Ten Number Pieces • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Place Value Kit: tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 • Tens/Ones Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Add Ones • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 21: <i>Problem-Solving Plan</i> • Money Kit: 9 pennies, 9 dimes <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 • Tens/Ones Mat • Money Kit: 9 pennies, 9 dimes <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 177–78

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

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. <u>BWS</u> Caring (evaluate)	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 27: <i>Pictograph</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 21: <i>Problem-Solving Plan</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 • Tens/Ones Mat • Money Kit: 9 pennies, 9 dimes <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • DQ Puppet • Place Value Kit: tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Tens/Ones Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Rename 10 Ones • Web Link: Virtual Manipulatives: Base Ten Number Pieces • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 21: <i>Problem-Solving Plan</i> • Money Kit: pennies, dimes <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Tens/Ones Mat • Money Kit: pennies, dimes <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Rename 10 Pennies • Web Link: Virtual Manipulatives: Money Pieces • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 183–84

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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 21: <i>Problem-Solving Plan</i> • Place Value Kit: tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 • Tens/Ones Mat • Sign Cards: Greater than, Less than <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 12 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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. <u>BWS</u> Caring (apply)	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 5: <i>STEM Engineering Design Process</i> • Instructional Aid 28: <i>Compass Rose</i> • Instructional Aid 29: <i>Trampoline Park Destination</i> <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 30: <i>Coding Rubric: Guiding a Friend</i>
Lesson 101 Test, Cumulative Review			
Teacher Edition 428–30 Worktext 195	101.1 Demonstrate knowledge of concepts from Chapter 12 by taking the test.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 12 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 187–88

CHAPTER 13: SUBTRACTION WITH TWO-DIGIT NUMBERS

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. <u>BWS</u> Working (explain)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 21: <i>Problem-Solving Plan</i> • Place Value Kit: tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Tens/Ones Mat <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • Video: Ch 13 Intro • Games/Enrichment: Fact Reviews (Subtraction Facts to 8) • Games/Enrichment: Subtraction Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 21: <i>Problem-Solving Plan</i> • Place Value Kit: tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Tens/Ones Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Subtract 2 Digits • Games/Enrichment: Fact Reviews (Subtraction Facts to 8) • Games/Enrichment: Subtraction Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 191–92

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

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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 16: <i>12-Month Calendar</i> • Money Kit: 9 dimes, 9 pennies <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Tens/Ones Mat • Money Kit: 9 dimes, 9 pennies <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • 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 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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. <u>BWS</u> Working (formulate)	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 27: <i>Pictograph</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Money Kit: 9 dimes, 50 pennies <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Tens/Ones Mat • Money Kit: 9 dimes, 9 pennies <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • 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 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 195–96

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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 21: <i>Problem-Solving Plan</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Tens/Ones Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Fun Activities • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 13 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 13 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 199–200

CHAPTER 14: COUNT ON WITH COINS

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. <u>BWS</u> Working (explain)	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 9: <i>Price Tags</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 14: <i>Money</i> • Money Kit: 7 pennies, 6 nickels, 6 dimes <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 • Red Mat • Money Kit: 4 pennies, 6 nickels, 4 dimes <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • 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 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 21: <i>Problem-Solving Plan</i> • Money Kit: 7 pennies, 6 nickels, 7 dimes <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 • Red Mat • Money Kit: 6 pennies, 6 nickels, 6 dimes <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Nickels, Dimes, Pennies • Games/Enrichment: Fact Reviews (Addition Facts to 12) • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 203–4

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

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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Money Kit: 10 pennies, 7 nickels, 12 dimes <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 • Sign Cards: Greater than, Less than, Cent • Money Kit: 7 pennies, 7 nickels, 7 dimes • Red Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Addition Facts to 12) • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 205–6
Lesson 111 Quarters			
Teacher Edition 476–79 Worktext 215–16	111.1 Evaluate counting money in a careless way. <u>BWS</u> Working (evaluate) 111.2 Identify the value of a quarter. 111.3 Identify sets of pennies, nickels, and dimes equivalent to 1 quarter.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 14: <i>Money</i> • Money Kit: 25 pennies, 5 nickels, 6 dimes, 1 quarter <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 • Money Kit: 25 pennies, 5 nickels, 2 dimes • Red Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • 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 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 207–8

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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 31: <i>Grocery Store Items</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Money Kit: 6 pennies, 6 nickels, 8 dimes, 1 quarter <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Tens/Ones Mat • Money Kit: 6 pennies, 6 nickels, 6 dimes, 1 quarter • Red Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Addition Facts to 12) • Games/Enrichment: Subtraction Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 14 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 14 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 211–12

CHAPTER 15: GEOMETRY

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. <u>BWS</u> Exploring (explain)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 13: <i>Solid Figures</i> • Shapes Kit: 1 circle, 1 rectangle, 1 square, 1 triangle <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • Video: Ch 15 Intro • Games/Enrichment: Fact Reviews (Subtraction Facts to 10) • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 32: <i>Pyramid Pattern</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 13: <i>Solid Figures</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Subtraction Facts to 10) • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 32: <i>Pyramid Pattern</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 13: <i>Solid Figures</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards 0–9 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Subtraction Facts to 10) • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Money Kit: 1 quarter <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Red Mat • Money Kit: 5 dimes, 5 nickels, 5 pennies <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 33: <i>Spinner</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 12: <i>Plane Figures</i> • Number Word Cards: <i>zero to ten</i> • Shapes Kit: 3 red circles, 3 blue circles, 2 rectangles, 3 squares, 6 triangles <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards 0–9 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Mathigon • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 219–20

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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 34: <i>Dot Grid</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • 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 <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Shapes Kit: 1 blue circle, 4 squares, 4 triangles, 4 rectangles <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Mathigon • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 35: <i>Symmetrical Shapes</i> • Instructional Aid 36: <i>Asymmetrical Shapes</i> • Instructional Aid 37: <i>Line of Symmetry</i> <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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. <u>BWS</u> Exploring (explain)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Shapes Kit (6 of each): yellow triangles, blue triangles, yellow circles, red circles, green squares, blue rectangles, orange hexagons, purple rhombuses, brown trapezoids <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Shapes Kit (6 of each): yellow triangles, blue triangles, yellow circles, red circles, green squares, blue rectangles, orange hexagons, purple rhombuses, brown trapezoids <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 225–26

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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 35: <i>Symmetrical Shapes</i> • Instructional Aid 36: <i>Asymmetrical Shapes</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 13: <i>Solid Figures</i> • Visual 12: <i>Plane Figures</i> • Shapes Kit: 6 red rectangles, 6 blue squares • Money Kit: 6 pennies, 4 nickels, 4 dimes <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p>Worktext</p> <ul style="list-style-type: none"> • Chapter 15 Review <p>Reviews</p> <ul style="list-style-type: none"> • 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.		<p>Assessments</p> <ul style="list-style-type: none"> • Chapter 15 Test <p>Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p>Reviews</p> <ul style="list-style-type: none"> • Pages 229–30

CHAPTER 16: PLACE VALUE: THREE-DIGIT NUMBERS

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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Hundreds/Tens/Ones Mat • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • 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 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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. <u>BWS</u> Exploring (explain)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Hundreds/Tens/Ones Mat • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Addition Facts to 12) • Games/Enrichment: Addition Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 233–34

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

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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> (extended) • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Place Value • Games/Enrichment: Fact Reviews (Addition Facts to 12) • Games/Enrichment: Addition Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Addition Facts to 12) • Games/Enrichment: Addition Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 237–38

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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> (extended) • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Place Value Kit: hundreds, tens, ones • Hundreds/Tens/Ones Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: More and Less • Games/Enrichment: Fact Reviews (Addition Facts to 12) • Games/Enrichment: Addition Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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. <u>BWS</u> Exploring (apply)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Place Value Kit: hundreds, tens, ones • Sign Cards: Greater than, Less than <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Sign Cards: Greater than, Less than • Number Cards: 0–9 • Dot Pattern Cards: 0–9 (backs) <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Addition Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 241–42

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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 21: <i>Problem-Solving Plan</i> • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Hundreds/Tens/Ones Mat • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Add Large Numbers • Web Link: Let's Set the Record Straight. Pizza Boxes are Recyclable. • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 21: <i>Problem-Solving Plan</i> • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Hundreds/Tens/Ones Mat • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: 15 Creative Ways to Recycle Pizza Boxes • Web Link: 20 Cool Things You Can Make with a Pizza Box • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 245–46
Lesson 133 Chapter 16 Review			
Teacher Edition 566–69 Worktext 257–58	133.1 Recall concepts and terms from Chapter 16.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Sign Cards: Greater than, Less than • Number Cards: 0–9 • Dot Pattern Cards: 0–9 (backs) <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Addition Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 16 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 247–48

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. <u>BWS</u> Exploring (apply)	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 38: <i>Clapping Games</i> • Instructional Aid 5: <i>STEM Engineering Design Process</i> <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Hand Clapping Games • PowerPoint® presentation 	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 39: <i>Coding Rubric: Playing a Game</i>
Lesson 135 Test, Cumulative Review			
Teacher Edition 574–76 Worktext 261	135.1 Demonstrate knowledge of concepts from Chapter 16 by taking the test.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 16 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 249–50

CHAPTER 17: METRIC MEASUREMENT

Pages	Objectives	Resources & Materials	Assessments
Lesson 136 Measure in Centimeters			
<p>Teacher Edition 581–85</p> <p>Worktext 262–64</p>	<p>136.1 Compare the length of objects by using the words longer and shorter.</p> <p>136.2 Identify a metric measuring unit for length.</p> <p>136.3 Measure the length and height of objects in centimeters.</p> <p>136.4 Compose an addition word problem.</p> <p>136.5 Explain how measuring length and height helps people care for others. BWS</p>	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 35: <i>Symmetrical Shapes</i> • Instructional Aid 36: <i>Asymmetrical Shapes</i> • Instructional Aid 40: <i>Centimeter Measurement Worksheet</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Rulers: Centimeter, Inch <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Ruler: Centimeter <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • Video: Ch 17 Intro • Games/Enrichment: Fact Reviews (Subtraction Facts to 12) • Games/Enrichment: Subtraction Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 251–52
Lesson 137 Estimate & Measure in Centimeters			
<p>Teacher Edition 586–89</p> <p>Worktext 265–66</p>	<p>137.1 Measure the length and height of objects in centimeters.</p> <p>137.2 Measure distance in centimeters.</p> <p>137.3 Estimate the length of an object to the nearest centimeter.</p> <p>137.4 Measure the length of an object to the nearest centimeter.</p> <p>137.5 Solve a comparison subtraction problem.</p>	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 19: <i>Metric Measurement</i> • Rulers: Centimeter, Paper Clip • Counters: Duck Tracks • Money Kit: 5 nickels, 7 dimes <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Rulers: Centimeter, Paper Clip <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Subtraction Facts to 12) • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 253–54

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

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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 19: <i>Metric Measurement</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Subtraction Facts to 12) • Games/Enrichment: Subtraction Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 19: <i>Metric Measurement</i> <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Subtraction Facts to 12) • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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. <u>BWS</u>	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 41: <i>Celsius Thermometer</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 20: <i>Temperature</i> • Ruler: Centimeter (the red back) <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Ruler: Centimeter (the red back) <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Subtraction Facts to 12) • Games/Enrichment: Subtraction Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 259–60

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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Ruler: Centimeter <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Ruler: Centimeter <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 261–62
Lesson 142 Chapter 17 Review			
Teacher Edition 606–9 Worktext 275–76	142.1 Recall concepts and terms from Chapter 17.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 42: <i>Metric Worksheet</i> • Instructional Aid 41: <i>Celsius Thermometer</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Ruler: Centimeter <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Subtraction Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 17 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 17 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 265–66

CHAPTER 18: ADDITION & SUBTRACTION FACTS TO 20

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. <u>BWS</u> Working (explain)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Place Value Kit: tens, ones <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • Video: Ch 18 Intro • Web Link: Virtual Manipulatives: Base Ten Number Pieces • Games/Enrichment: Fact Reviews (Subtraction Facts to 12) • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Counters: 20 ducks <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Ruler: Centimeter • Counters: 20 ducks <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Subtraction Facts to 12) • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 44: <i>Ten Bar</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Ten Bar Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • 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 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 44: <i>Ten Bar</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Dot Pattern Cards: 0–10 <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Dot Pattern Cards: 1–9 • Ten Bar Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Virtual Manipulatives: Number Frames • Games/Enrichment: Fact Reviews (Subtraction Facts to 12) • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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. <u>BWS</u> Working (formulate)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Counters: 15 ducks <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Subtraction Facts to 12) • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Shapes Kit: 20 circles <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Virtual Manipulatives: Number Frames • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 277–78

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 <ul style="list-style-type: none"> • Ten Bar Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	Reviews <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • Counters: 4 ducks • Ten Bar Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	Reviews <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuels</p> <ul style="list-style-type: none"> • Counters: 8 ducks <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–9 • Red Mat • Counters: 8 ducks <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Addition Flashcards (facts to 12) • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	Reviews <ul style="list-style-type: none"> • Pages 283–84

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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 44: <i>Ten Bar</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Ten Bar Mat <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Virtual Manipulatives: Number Frames • Web Link: Virtual Manipulatives: UNIFIX® Cubes • Web Link: Virtual Manipulatives: Base Ten Number Pieces • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 18 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 18 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 287–88

CHAPTER 19: WRITE EQUATIONS WITH COINS

Pages	Objectives	Resources	Assessments
Lesson 155 Counting Pennies with a Quarter			
<p>Teacher Edition 665–69</p> <p>Worktext 300–302</p>	<p>155.1 Determine the value of a set of dimes, nickels, and pennies by counting on.</p> <p>155.2 Determine the value of a set of 1 quarter and pennies by counting on.</p> <p>155.3 Determine whether there is enough money to purchase an item.</p> <p>155.4 Identify the coins needed to purchase an item.</p> <p>155.5 Explain that counting pennies with a quarter helps us explore the world by counting more quickly.</p> <p>BWS Exploring (explain)</p>	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 9: <i>Price Tags</i> • Instructional Aid 45: <i>Coin Purse Mat</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 14: <i>Money</i> • Money Kit: 9 pennies, 5 nickels, 5 dimes, 1 quarter <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–20 • Money Kit: 1 quarter, 3 dimes, 5 nickels, 7 pennies <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • 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 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 289–90

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

Pages	Objectives	Resources & Materials	Assessments
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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 45: <i>Coin Purse Mat</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Visual 14: <i>Money</i> • Money Kit: 2 quarters, 8 dimes, 5 nickels, 6 pennies <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–20 • Money Kit: 2 quarters, 8 dimes, 5 nickels, 6 pennies <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Nickels with Quarter • Web Link: Learning Coins • Web Link: Virtual Manipulatives: Money Pieces • Games/Enrichment: Addition Flashcards • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 45: <i>Coin Purse Mat</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Money Kit: 1 quarter, 6 dimes, 4 nickels, 7 pennies <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–20 • Money Kit: 1 quarter, 4 dimes, 4 nickels, 5 pennies <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Dimes with Quarter • Web Link: Learning Coins • Web Link: Virtual Manipulatives: Money Pieces • Games/Enrichment: Addition Flashcards • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 293–94

Pages	Objectives	Resources & Materials	Assessments
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)	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 45: <i>Coin Purse Mat</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Money Kit: 2 quarters, 4 dimes, 6 nickels, 10 pennies <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • DQ Clock • Number Cards: 0–20 • Money Kit: 2 quarters, 4 dimes, 4 nickels, 10 pennies <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Learning Coins • Web Link: Virtual Manipulatives: Money Pieces • Games/Enrichment: Addition Flashcards • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 46: <i>Repeated Addition Mat</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Money Kit: 20 pennies <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Money Kit: 20 pennies <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 46: <i>Repeated Addition Mat</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Counters: 20 cars <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Counters: 20 cars <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 299–300

Pages	Objectives	Resources & Materials	Assessments
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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Counters: 20 candies <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 301–2
Lesson 163 Chapter 19 Review			
Teacher Edition 694–697 Worktext 315–16	163.1 Recall concepts and terms from Chapter 19.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 45: <i>Coin Purse Mat</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Money Kit: 2 quarters, 7 dimes, 7 nickels, 5 pennies <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Money Kit: 2 quarters, 7 dimes, 7 nickels, 5 pennies <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Virtual Manipulatives: Money Pieces • Games/Enrichment: Addition Flashcards • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 19 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 19 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 305–6

CHAPTER 20: TIME & CALENDAR

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. <u>BWS</u> Caring (explain)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • DQ Clock • Number Cards: 0–20 <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • 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 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 1: <i>Bar Graph</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • DQ Clock • Number Cards: 0–20 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Virtual Manipulatives: Analog Clock • Games/Enrichment: Addition Flashcards • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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. <u>BWS</u> Caring (apply)	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 47: <i>School Schedule</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–20 • DQ Clock <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Video: Time Passed • Web Link: Virtual Manipulatives: Analog Clock • Games/Enrichment: Addition Flashcards • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Song: “Days of the Week” • Song: “There Are Twelve Months” • Instructional Aid 2: <i>Hundred Chart</i> • Instructional Aid 12: <i>Days of the Week Cards</i> • Instructional Aid 13: <i>Months of the Year Cards</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> • Visual 16: <i>12-Month Calendar</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–20 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Calendar Quiz • Games/Enrichment: Addition Flashcards • Games/Enrichment: Subtraction Flashcards • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 313–14

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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 2: <i>Hundred Chart</i> • Instructional Aid 47: <i>School Schedule</i> • Instructional Aid 12: <i>Days of the Week Cards</i> • Instructional Aid 13: <i>Months of the Year Cards</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Number Cards: 0–20 <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • 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 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 20 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 20 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 317–18

CHAPTER 21: ADDITION WITH THREE-DIGIT NUMBERS

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. <u>BWS</u> Working (explain)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 21: <i>Problem-Solving Plan</i> • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Hundreds/Tens/Ones Mat • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">BJU Press Trove*</p> <ul style="list-style-type: none"> • 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 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 21: <i>Problem-Solving Plan</i> • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Hundreds/Tens/Ones Mat • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • 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 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 321–22

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

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. <u>BWS</u> Working (apply)	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 21: <i>Problem-Solving Plan</i> • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Hundreds/Tens/Ones Mat • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • 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 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Hundreds/Tens/Ones Mat • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Virtual Manipulatives: Base Ten Number Pieces • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.	<p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 21: <i>Problem-Solving Plan</i> • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Hundreds/Tens/Ones Mat • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Web Link: Virtual Manipulatives: Base Ten Number Pieces • PowerPoint® presentation 	<p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 327–28

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.	<p style="text-align: center;">Teacher Edition</p> <ul style="list-style-type: none"> • Instructional Aid 2: <i>Hundred Chart</i> <p style="text-align: center;">Visuals</p> <ul style="list-style-type: none"> • Visual 1: <i>Hundred Chart</i> <p style="text-align: center;">Student Manipulatives Packet</p> <ul style="list-style-type: none"> • Hundreds/Tens/Ones Mat • Place Value Kit: hundreds, tens, ones <p style="text-align: center;">BJU Press Trove</p> <ul style="list-style-type: none"> • Games/Enrichment: Fact Reviews (Subtraction Facts to 18) • Games/Enrichment: Addition Flashcards • Games/Enrichment: Subtraction Flashcards • Games/Enrichment: Fact Fun Activities • PowerPoint® presentation 	<p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Chapter 21 Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • 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.		<p style="text-align: center;">Assessments</p> <ul style="list-style-type: none"> • Chapter 21 Test <p style="text-align: center;">Worktext</p> <ul style="list-style-type: none"> • Cumulative Review <p style="text-align: center;">Reviews</p> <ul style="list-style-type: none"> • Pages 331–32