

APPENDIX A

Scope and Sequence of Level 2

Your Student Will:	Lesson
Review skills and concepts involving number fluency, addition, and subtraction.	1
Learn to represent and solve Add To and Take From story problems where the result is unknown.	2
Learn to write an addition or subtraction equation to represent each story problem and to orally explain how the equation represents the story problem.	3
Learn to solve story problems, write an addition or subtraction equation to represent each one, and orally explain how the equation represents the story problem.	4
Learn to solve and represent Put Together/Take Apart, Addend Unknown story problems.	5
Learn to solve Compare, Difference Unknown story problems and match addition and subtraction equations to the problems.	6
Learn to solve a variety of story problems and to write equations that match each problem.	7
Build fluency towards solving problems with unknowns in all positions.	8
Build fluency towards adding within 20 without composing a ten.	9
Learn to subtract within 20 without composing or decomposing a ten.	10
Learn to solve story problems with three addends, two of which make a ten.	11
Learn to apply the commutative and associative properties to make a ten when adding three numbers within 20.	12
Learn to analyze addition methods for adding within 20.	13
Learn to solve story problems with three addends by creating a ten.	14
Learn to analyze and use the counting on and taking away methods to subtract within 20.	15

Your Student Will:	Lesson
Build fluency with adding and subtracting within 20.	16
Learn to add 2 two-digit numbers within 100, including composing a ten.	17
Learn to add 2 two-digit numbers by using methods based on place value.	18
Review all concepts learned in Lessons 2–18.	19
Learn to read, write, and represent multiples of 100.	20
Learn to read three-digit numbers within 1,000.	21
Learn to find the value of three-digit numbers using place value understanding.	22
Learn to write and compose three-digit numbers.	23
Learn to represent three-digit numbers using expanded form.	24
Learn to compare three-digit numbers using place value.	25
Learn to subtract within 100 by using strategies based on both place value and decomposing a ten.	26
Learn to use place value to find numbers and represent equations on a number line.	27
Learn to use an open number line to solve equations that involve composing or decomposing.	28
Learn to add and subtract multiples of 10 or 100 to or from a three-digit number.	29
Review all concepts learned in Lessons 20–29.	30
Learn to measure length in centimeters.	31
Learn to estimate and measure lengths in centimeters using a ruler.	32
Learn to compare measurements in feet and inches and to describe the relationship between different units of measurement.	33
Learn to solve one-step story problems about length within 100.	34
Learn to write equations to represent and solve two-step story problems about length using calculations within 100.	35

Your Student Will:	Lesson
Learn to tell time with an analog clock by using the words half past, quarter past, and quarter 'til.	36
Learn to tell time and to write time to the nearest 5 minutes on an analog clock.	37
Learn to read and write time with analog clocks, using a.m. and p.m.	38
Learn to identify pennies, nickels, dimes, and quarters and find the total value of a set of coins.	39
Learn to find the value of a collection of coins within 100 cents and to recognize that a dollar has the same value as 100 cents.	40
Learn to use addition and subtraction to solve story problems involving money.	41
Review all concepts learned in Lessons 31–41.	42
Learn to add and subtract three-digit numbers using expanded form.	43
Learn to add within 1,000 using the standard algorithm.	44
Learn to subtract within 1,000 with decomposing tens and ones using base-10 blocks and expanded form.	45
Learn to subtract within 1,000 using the standard algorithm.	46
Learn to read and write six-digit numbers.	47
Learn to identify the value of each digit in a six-digit number.	48
Learn to represent numbers using base-ten blocks and disks, expanded form, and numerals.	49
Learn to round whole numbers within 1,000 to the nearest ten or hundred.	50
Learn to use an understanding of rounding to consider all the numbers that round to a given number.	51
Learn to compare numbers based on the values of the thousands, hundreds, tens, and ones digits.	52
Learn to order numbers based on the value of the thousands, hundreds, tens, and ones digits.	53

Your Student Will:	Lesson
Review all concepts learned in Lessons 43–53.	54
Be introduced to the concept of fractions and related vocabulary.	55
Learn to partition shapes into equal parts and to express each equally sized part as a unit fraction.	56
Learn to read and write fractions by understanding how they represent parts of a whole.	57
Review all concepts learned in Lessons 2–53.	58