The table below shows the scope and sequence for *ORIGO Stepping Stones 2.0*. Lesson titles with shading are optional for this grade, typically because the content is taught for mastery in an adjacent grade level. These lessons provide opportunities for review, or to introduce and bridge to content in the next grade. Students are not expected to master the content in the shaded lessons. When lesson titles in bold are provided they indicate content that can be taught in place of the shaded lessons.

Lessons from an adjacent grade level
4.1.2 Number: Building a picture of 100,000. This is an existing grade 4 lesson.
4.1.3 Reading and writing six-digit numbers. This is a existing grade 4 lesson.
4.1.4 Number: Reading and writing six-digit numbers (with teens and zeros).
       This is an existing grade 4 lesson.
4.1.5 Writing six-digit numbers in expanded form. This is an existing grade 4 lesson.
4.3.2 Number: Comparing to order four, five, and six-digit numbers. This is an existing grade 4 lesson.

Lesson	Title	Math Content			
1.1	Number: Writing three-digit numerals and number names	3.NSBT.4			
1.2	Number: Identifying three-digit numbers on a number line	3.NSBT.4			
1.3	Number: Representing four-digit numbers	3.NSBT.4			
1.4	Number: Writing four-digit numerals and number names	3.NSBT.4			
1.5	Number: Writing four-digit numbers in expanded form	3.NSBT.4			
1.6	Number: Locating four-digit numbers on a number line	3.NSBT.4			
1.7	Multiplication: Introducing the symbol	3.ATO.1	3.ATO.3		
1.8	Multiplication: Using the turnaround idea with arrays	3.ATO.1	3.ATO.5		
1.9	Multiplication: Doubling and halving multiples of ten and five	3.ATO.7			
1.10	Multiplication: Introducing the tens facts	3.ATO.1	3.ATO.7		
1.11	Multiplication: Introducing the fives facts	3.ATO.1	3.ATO.4	3.ATO.7	
1.12	Multiplication: Reinforcing the tens and fives facts	3.ATO.1	3.ATO.3	3.ATO.4	3.ATO.7
2.1	Addition: Investigating patterns	3.ATO.9			
2.2	Addition: Two-digit numbers (with composing)	3.NSBT.2			
2.3	Addition: Two- and three-digit numbers (with composing)	3.NSBT.2			
2.4	Addition: Developing written methods	3.NSBT.2			
2.5	Addition: Solving word problems	3.ATO.8			
2.6	Time: Reading and writing to the minute	3.MDA.1			
2.7	Time: Relating past and to the hour	3.MDA.1			
2.8	Time: Reading times in different ways	3.MDA.1			
2.9	Time: Measuring intervals in minutes	3.MDA.1			
2.10	2D shapes: Exploring rectangles	3.G.1			
2.11	2D shapes: Exploring rhombuses	3.G.1			
2.12	2D shapes: Exploring relationships between shapes	3.G.1			

ORIGO STEPPING STONES 2.0 CORE MATHEMATICS PROGRAM

Lesson	Title	Math Content			
3.1	Multiplication: Introducing the twos facts	3.ATO.1	3.ATO.4	3.ATO.5	3.ATO.7
3.2	Multiplication: Reinforcing the twos facts	3.ATO.1	3.ATO.4	3.ATO.5	3.ATO.7
3.3	Multiplication: Extending the twos facts	3.ATO.7			
3.4	Multiplication: Introducing the fours facts	3.ATO.1	3.ATO.4	3.ATO.5	3.ATO.7
3.5	Multiplication: Reinforcing the fours facts	3.ATO.3	3.ATO.4	3.ATO.5	3.ATO.7
3.6	Multiplication: Extending the fours facts	3.ATO.4	3.ATO.7		
3.7	Multiplication: Solving word problems	3.ATO.1	3.ATO.3	3.ATO.8	
3.8	Number: Working with place value	3.NSBT.4			
3.9	Number: Comparing and ordering three-digit numbers	3.NSBT.5			
3.10	Number: Comparing and ordering three- and four-digit numbers	3.NSBT.5			
3.11	Number: Rounding two- and three-digit numbers	3.NSBT.1			
3.12	Number: Rounding three- and four-digit numbers	3.NSBT.1			
4.1	Division: Introducing the symbol	3.ATO.2	3.ATO.4		
4.2	Division: Connecting multiplication and division	3.ATO.2	3.ATO.4	3.ATO.6	
4.3	Division: Introducing the tens facts	3.ATO.2 3.ATO.7	3.ATO.3	3.ATO.4	3.ATO.6
4.4	Division: Introducing the fives facts	3.ATO.2 3.ATO.7	3.ATO.3	3.ATO.4	3.ATO.6
4.5	Division: Reinforcing the tens and fives facts	3.ATO.2	3.ATO.4	3.ATO.6	3.ATO.7
4.6	Division: Introducing the twos and fours facts	3.ATO.2 3.ATO.7	3.ATO.3	3.ATO.4	3.ATO.6
4.7	Division: Reinforcing the twos and fours facts	3.ATO.2	3.ATO.4	3.ATO.6	3.ATO.7
4.8	Common fractions: Reviewing unit fractions	3.NSF.1	3.NSF.1a	3.NSF.1d	3.G.2
4.9	Common fractions: Writing with symbols	3.NSF.1	3.NSF.1b	3.NSF.1d	3.G.2
4.10	Common fractions: Representing unit fractions on a number	3.NSF.1	3.NSF.1a	3.NSF.1c	3.NFS.1d
4.11	Common fractions: Representing as a sum of unit fractions	3.NSF.1	3.NSF.1b	3.NSF.1d	
4.12	Common fractions: Relating models	3.NSF.1	3.NSF.1d	3.G.2	
5.1	Multiplication: Introducing the eights facts	3.ATO.1	3.ATO.4	3.ATO.7	
5.2	Multiplication: Reinforcing the eights facts	3.ATO.3	3.ATO.4	3.ATO.5	3.ATO.7
5.3	Multiplication: Exploring patterns with the eights facts	3.ATO.9			
5.4	Multiplication: Introducing the ones facts	3.ATO.1	3.ATO.7		
5.5	Multiplication: Introducing the zeros facts	3.ATO.1	3.ATO.7		
5.6	Multiplication: Reinforcing the ones and zeros facts	3.ATO.4	3.ATO.7		
5.7	Multiplication: Solving word problems	3.ATO.3	3.ATO.8		
5.8	Subtraction: Counting back to subtract two-digit numbers (with decomposing)	3.NSBT.2			
5.9	Subtraction: Counting back to subtract two- and three-digit numbers (with decomposing)	3.NSBT.2			
5.10	Subtraction: Counting on to subtract two-digit numbers (with composing)	3.NSBT.2			
5.11	Subtraction: Counting on to subtract two- and three-digit numbers (with composing)	3.NSBT.2			
5.12	Subtraction: Solving word problems	3.ATO.8			

Lesson	Title	Math Content			
6.1	Multiplication: Introducing the nines facts	3.ATO.1	3.ATO.4	3.ATO.5	3.ATO.7
6.2	Multiplication: Reinforcing the nines facts	3.ATO.1	3.ATO.4	3.ATO.5	3.ATO.7
6.3	Multiplication: Exploring patterns with the nines facts	3.ATO.1	3.ATO.4	3.ATO.9	
6.4	Multiplication: Solving word problems	3.ATO.3	3.ATO.8		
6.5	Division: Introducing the eights facts	3.ATO.2 3.ATO.7	3.ATO.3	3.ATO.4	3.ATO.6
6.6	Division: Reinforcing the eights facts	3.ATO.2	3.ATO.4	3.ATO.6	3.ATO.7
6.7	Division: Introducing the ones facts	3.ATO.2	3.ATO.4	3.ATO.6	3.ATO.7
6.8	Division: Introducing the zeros facts	3.ATO.4	3.ATO.6	3.ATO.7	
6.9	Data: Working with many-to-one picture graphs	3.MDA.3			
6.10	Data: Working with bar graphs	3.MDA.3			
6.11	Data: Working with line plots	3.MDA.4			
6.12	Data: Working with line plots (fractions)	3.MDA.4			
7.1	Multiplication: Introducing the sixes facts	3.ATO.1	3.ATO.4	3.ATO.5	3.ATO.7
7.2	Multiplication: Reinforcing the sixes facts	3.ATO.1	3.ATO.4	3.ATO.5	3.ATO.7
7.3	Multiplication: Introducing the last facts	3.ATO.5	3.ATO.7		
7.4	Multiplication: Working with all facts	3.ATO.7			
7.5	Multiplication: Solving word problems	3.ATO.3	3.ATO.8		
7.6	Addition: Making estimates	3.NSBT.2			
7.7	Addition: Introducing the standard algorithm	3.NSBT.2			
7.8	Addition: Working with the standard algorithm (composing tens)	3.NSBT.2			
7.9	Addition: Working with the standard algorithm (composing hundreds)	3.NSBT.2			
7.10	Addition: Using the standard algorithm with three-digit numbers	3.NSBT.2			
7.11	Addition: Introducing the compensation strategy	3.NSBT.2			
7.12	Addition: Solving word problems	3.ATO.8			
8.1	Division: Introducing the nines facts	3.ATO.2 3.ATO.7	3.ATO.3	3.ATO.4	3.ATO.6
8.2	Division: Reinforcing the nines facts	3.ATO.2	3.ATO.4	3.ATO.6	3.ATO.7
8.3	Division: Introducing the sixes and last facts	3.ATO.2 3.ATO.7	3.ATO.3	3.ATO.4	3.ATO.6
8.4	Division: Reinforcing the sixes and last facts	3.ATO.2	3.ATO.4	3.ATO.6	3.ATO.7
8.5	Common fractions: Counting beyond one whole	3.NSF.1	3.NSF.2	3.NSF.2c	3.NSF.3
8.6	Common fractions: Exploring improper fractions	3.NSF.1	3.NSF.3		
8.7	Common fractions: Identifying improper fractions on a number line	3.NSF.1	3.NSF.1c	3.NSF.3	
8.8	Common fractions: Exploring equivalent fractions	3.NSF.2	3.NSF.2a	3.NSF.2b	
8.9	Common fractions: Identifying equivalent fractions on a number line	3.NSF.2	3.NSF.2a	3.NSF.2b	3.NSF.2c
8.10	Capacity: Reviewing liters and fractions of a liter	3.MDA.2			
8.11	Mass: Reviewing kilograms and introducing fractions of a kilogram (grams)	Optional. Grade 4 mastery.			
8.12	Mass/capacity: Solving word problems	3.ATO.8			

STEPPING STONES 2.0
ORIGO
CORE MATHEMATICS PROGRAM

Grade 3 and the
South Carolina College and
Career Ready Standards

Lesson	Title	Math Content			
9.1	Subtraction: Making estimates	3.NSBT.1	3.NSBT.2		
9.2	Subtraction: Introducing the standard algorithm	3.NSBT.2			
9.3	Subtraction: Using the standard algorithm with two-digit numbers (decomposing tens)	3.NSBT.2			
9.4	Subtraction: Using the standard algorithm with three-digit numbers (decomposing tens)	3.NSBT.2			
9.5	Subtraction: Using the standard algorithm with three-digit numbers (decomposing hundreds)	3.NSBT.2			
9.6	Subtraction: Exploring subtraction involving zero	3.NSBT.2			
9.7	Subtraction: Applying the compensation strategy	3.NSBT.2			
9.8	Common fractions: Comparing unit fractions (length model)	3.NSF.2	3.NSF.2d		
9.9	Common fractions: Comparing unit fractions (number line)	3.NSF.2	3.NSF.2d		
9.10	Common fractions: Making comparisons with the same denominator (number line)	3.NSF.2	3.NSF.2d		
9.11	Common fractions: Making comparisons with the same numerator (number line)	3.NSF.2	3.NSF.2d		
9.12	Common fractions: Solving comparison word problems	3.NSF.2	3.NSF.2d		
10.1	Area: Calculating the area of rectangles (customary units)	3.MDA.5	3.MDA.5a	3.MDA.5b	
10.2	Area: Calculating the area of rectangles (metric units)	3.MDA.5	3.MDA.5a	3.MDA.5b	
10.3	Area: Using multiplication to calculate area	3.MDA.5c			
10.4	Area: Identifying dimensions of rectangles	3.MDA.5c			
10.5	Area: Decomposing composite shapes to calculate area	3.MDA.5c			
10.6	Area: Solving word problems	3.ATO.3			
10.7	Multiplication: Extending known facts	3.NSBT.3	3.ATO.3	3.ATO.4	3.ATO.5
10.8	Multiplication: Using the distributive property with two-digit numbers (partial products)	3.NSBT.3	3.ATO.5	3.MDA.5c	3.MDA.6
10.9	Multiplication: Using the associative property with two-digit numbers (double and halve)	3.NSBT.3	3.ATO.5	3.ATO.7	
10.10	Algebra: Investigating order with multiple operations	3.ATO.1			
10.11	Algebra: Solving problems involving multiple operations	3.ATO.8			
10.12	Algebra: Writing equations to match two-step word problems	3.ATO.8			

Lesson	Title	Math Content
11.1	Number: Building a picture of 10,000	3.NSBT.4
11.2	Number: Representing five-digit numbers	3.NSBT.4
11.3	Number: Writing five-digit numbers in expanded form	3.NSBT.4
11.4	Number: Comparing and ordering five-digit numbers	3.NSBT.5
11.5	Number: Rounding five-digit numbers	3.NSBT.1
11.6	Number: Reinforcing rounding with five-digit numbers	3.NSBT.1
4.1.2	**Number: Building a picture of 100,000**	**3.NSBT.4**
4.1.3	**Number: Reading and writing six-digit numbers**	**3.NSBT.4**
4.1.4	**Number: Reading and writing six-digit numbers (with teens and zeros)**	**3.NSBT.4**
4.1.5	**Number: Writing six-digit numbers in expanded form**	**3.NSBT.4**
4.3.2	**Number: Comparing to order four, five, and six-digit numbers**	**3.NSBT.5**
11.7	Money: Adding amounts in cents (bridging dollars)	Optional. Grade 4 mastery.
11.8	Money: Working with dollars and cents	Optional. Grade 4 mastery.
11.9	Money: Calculating change (cents)	Optional. Grade 4 mastery.
11.10	Capacity: Reviewing cups, pints, and quarts	3.MDA.2
11.11	Capacity: Introducing gallons	3.MDA.2
11.12	Capacity: Solving word problems	3.MDA.2
12.1	Division: Two-digit numbers	3.ATO.7
12.2	Division: Two-digit numbers (with regrouping)	3.ATO.7
12.3	Division: Thinking multiplication to divide two-digit numbers	3.ATO.7
12.4	Division: Making estimates	3.ATO.3 3.ATO.7
12.5	Division: Reinforcing the think-multiplication strategy	3.ATO.3 3.ATO.7
12.6	Angles: Comparing using non-standard units	3.G.3
12.7	Angles: Measuring as fractions	3.G.3
12.8	3D objects: Identifying prisms	3.G.4
12.9	3D objects: Comparing prisms and pyramids	3.G.4
12.10	Perimeter: Introducing perimeter	3.MDA.6
12.11	Perimeter: Exploring the relationship with area	3.MDA.6
12.12	Perimeter/area: Solving word problems	3.MDA.6