Grade 2 and the South Carolina College and Career Ready Standards

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.

Lesson	Title	Math Content		
1.1	Number: Reading and writing two-digit numbers	2.NSBT.3		
1.2	Number: Writing two-digit numbers and number names	2.NSBT.3		
1.3	Number: Comparing and ordering two-digit numbers	2.NSBT.4		
1.4	Number: Exploring the properties of odd and even numbers	2.NSBT.2	2.ATO.3	
1.5	Number: Working with hundreds	2.NSBT.1 2.NSBT.1a 2.NSBT.2 2.NSBT.3 2.NSBT.8		
1.6	Number: Reading and writing three-digit numbers	2.NSBT.1 2.NSBT.1b 2.NSBT.2 2.NSBT.3 2.NSBT.8		
1.7	Number: Writing three-digit number names	2.NSBT.1 2.NSBT.2 2.NSBT.3 2.NSBT.8		
1.8	Number: Writing three-digit numbers	2.NSBT.1 2.NSBT.1b 2.NSBT.2 2.NSBT.3 2.NSBT.8		
1.9	Addition: Reviewing concepts	2.NSBT.5	2.ATO.1	
1.10	Addition: Reviewing the count-on strategy	2.NSBT.5	2.ATO.2	
1.11	Addition: Reinforcing the count-on strategy	2.NSBT.5	2.ATO.1	2.ATO.2
1.12	Addition: Using the commutative property (count-on facts)	2.NSBT.5	2.ATO.2	
2.1	Number: Exploring position on a number track	2.MDA.5		
2.2	Number: Introducing number lines and representing numbers	2.MDA.5		
2.3	Number: Exploring position on a number line	2.MDA.5		
2.4	Number: Identifying nearby multiples of ten on a number line	2.MDA.5		
2.5	Number: Comparing two-digit numbers on a number line	2.MDA.5		
2.6	Number: Introducing empty number lines	2.MDA.5		
2.7	Time: Reviewing on the hour	2.MDA.6		
2.8	Time: Reviewing half-past the hour	2.MDA.6		
2.9	Time: Reinforcing on the hour and half-past the hour	2.MDA.6		
2.10	Addition: Reviewing the doubles strategy	2.NSBT.5	2.ATO.2	2.ATO.3
2.11	Addition: Reinforcing the doubles strategy	2.NSBT.5	2.ATO.2	
2.12	Addition: Reinforcing strategies (count-on and doubles)	2.NSBT.5	2.ATO.1	2.ATO.2

Lesson	Title	Math Content			
3.1	Number: Representing three-digit numbers (with zeros)	2.NSBT.1	2.NSBT.1b	2.NSBT.2	2.NSBT.3
3.2	Number: Representing three-digit numbers (with teens and zeros)	2.NSBT.1	2.NSBT.1b	2.NSBT.3	
3.3	Number: Writing three-digit numbers and number names	2.NSBT.1	2.NSBT.1b	2.NSBT.2	2.NSBT.3
3.4	Number: Writing three-digit numbers in expanded form	2.NSBT.1	2.NSBT.1b	2.NSBT.2	2.NSBT.3
3.5	Number: Identifying three-digit numbers on a number line	2.NSBT.2	2.MDA.5		
3.6	Number: Comparing three-digit numbers	2.NSBT.4			
3.7	Number: Comparing to order three-digit numbers	2.NSBT.4			
3.8	Number: Solving puzzles (three-digit numbers)	2.NSBT.1	2.NSBT.2	2.NSBT.8	
3.9	Addition: Reviewing the make-ten strategy	2.NSBT.5	2.ATO.2		
3.10	Addition: Reinforcing the make-ten strategy	2.NSBT.5	2.ATO.2		
3.11	Addition: Working with all strategies	2.NSBT.5	2.ATO.1	2.ATO.2	
3.12	Addition: Developing fact fluency	2.NSBT.5	2.ATO.2		
4.1	Subtraction: Reviewing concepts	2.NSBT.5	2.ATO.1		
4.2	Subtraction: Reviewing the count-back strategy	2.NSBT.5	2.ATO.2		
4.3	Subtraction: Reviewing the think-addition strategy (count-on facts)	2.NSBT.5	2.ATO.2		
4.4	Subtraction: Reinforcing the think-addition strategy (count-on facts)	2.NSBT.5	2.ATO.1	2.ATO.2	
4.5	Subtraction: Writing fact families (count-on facts)	2.NSBT.5			
4.6	Length: Measuring with uniform non-standard units	Optional. Grade 1 mastery.			
4.7	Length: Introducing inches	2.MDA.1	2.MDA.3		
4.8	Length: Measuring in inches	2.MDA.1	2.MDA.4		
4.9	Length: Introducing feet	2.MDA.1	2.MDA.3		
4.10	Length: Working with feet and inches	2.ATO.1	2.MDA.1	2.MDA.4	
4.11	Length: Introducing yards	2.MDA.1	2.MDA.3		
4.12	Length: Working with customary units	2.MDA.1	2.MDA.2		
5.1	Addition: Two-digit numbers (hundred chart)	2.NSBT.5			
5.2	Addition: Skip counting by five or ten (number line)	2.NSBT.2			
5.3	Addition: Two-digit numbers (number line)	2.NSBT.5	2.MDA.5		
5.4	Addition: Extending the make-ten strategy (number line)	2.NSBT.5	2.MDA.5		
5.5	Addition: Two-digit numbers bridging tens (number line)	2.NSBT.5	2.MDA.5		
5.6	Addition: Two-digit numbers bridging hundreds (number line)	2.NSBT.7	2.MDA.5		
5.7	Addition: Two-digit numbers (empty number line)	2.NSBT.7	2.ATO.1	2.MDA.5	
5.8	Subtraction: Reviewing the think-addition strategy (doubles facts)	2.NSBT.5	2.ATO.2		
5.9	Subtraction: Reinforcing the think-addition strategy (doubles facts)	2.NSBT.5	2.ATO.1	2.ATO.2	
5.10	Subtraction: Reviewing the think-addition strategy (make-ten facts)	2.NSBT.5	2.ATO.2		
5.11	Subtraction: Reinforcing the think-addition strategy (make-ten facts)	2.NSBT.5	2.ATO.1	2.ATO.2	
5.12	Subtraction: Writing fact families (doubles and make-ten)	2.NSBT.5			

ORIGO STEPPING STONES 2.0
CORE MATHEMATICS PROGRAM

Lesson	Title	Math Content		
6.1	Addition: Two-digit numbers (base-10 blocks)	2.NSBT.5		
6.2	Addition: Extending the doubles strategy	2.NSBT.5		
6.3	Addition: Reviewing two-digit numbers (composing tens)	2.NSBT.5		
6.4	Addition: Reinforcing two-digit numbers (composing tens)	2.NSBT.5		
6.5	Addition: Estimating to solve problems	2.NSBT.5	2.ATO.1	
6.6	Addition: Using the associative property	2.NSBT.6		
6.7	Addition: Multiples of ten with two-digit numbers (composing hundreds)	2.NSBT.7		
6.8	Addition: Two-digit numbers (composing hundreds)	2.NSBT.7		
6.9	Addition: Two-digit numbers (composing tens and hundreds)	2.NSBT.7	2.ATO.1	
6.10	Data: Introducing picture graphs	2.MDA.9	2.MDA.10	
6.11	Data: Introducing horizontal bar graphs	2.MDA.9	2.MDA.10	
6.12	Data: Introducing vertical bar graphs	2.MDA.9	2.MDA.10	
7.1	Subtraction: Reviewing two-digit numbers (hundred chart)	2.NSBT.5		
7.2	Subtraction: Two-digit numbers (number line)	2.NSBT.5	2.MDA.5	
7.3	Subtraction: One-digit numbers from two-digit numbers bridging tens (number line)	2.NSBT.5	2.MDA.5	
7.4	Subtraction: Counting back to subtract two-digit numbers bridging tens (number line)	2.NSBT.5	2.MDA.5	
7.5	Subtraction: Counting on to subtract two-digit numbers bridging tens (number line)	2.NSBT.5	2.MDA.5	
7.6	Subtraction: Reinforcing the count-on strategy bridging tens	2.NSBT.5	2.MDA.5	
7.7	Subtraction: Two-digit numbers from three-digit numbers (bridging 100)	2.NSBT.5	2.MDA.5	
7.8	Subtraction: Solving word problems	2.ATO.1		
7.9	2D shapes: Identifying polygons	2.G.1		
7.10	2D shapes: Identifying quadrilaterals	2.G.1		
7.11	2D shapes: Working with polygons	2.G.1		
7.12	2D shapes: Drawing polygons	2.G.1		
8.1	Subtraction: Composing and decomposing two-digit numbers	Optional. Grade 1 mastery.		
8.2	Subtraction: Two-digit numbers (base-10 blocks)	2.NSBT.5		
8.3	Subtraction: Two-digit numbers (decomposing tens)	2.NSBT.5		
8.4	Subtraction: Reinforcing two-digit numbers (decomposing tens)	2.NSBT.5		
8.5	Subtraction: Estimating to solve problems	2.NSBT.5	2.ATO.1	
8.6	Subtraction: Two-digit numbers from three-digit numbers (decomposing tens)	2.NSBT.1	2.NSBT.1a	2.NSBT.7
8.7	Subtraction: Two-digit multiples of ten from three-digit numbers (decomposing hundreds)	2.NSBT.1	2.NSBT.1a	2.NSBT.7
8.8	Subtraction: Two-digit numbers from three-digit numbers (decomposing hundreds)	2.NSBT.1	2.NSBT.1a	2.NSBT.7
8.9	Time: Identifying five-minute intervals	2.MDA.6		
8.10	Time: Working with five-minute intervals	2.MDA.6		
8.11	Time: Introducing quarter-past the hour	2.MDA.6		
8.12	Time: Identifying and recording time using a.m. and p.m.	2.MDA.6		

ORIGO STEPPING STONES 2.0
CORE MATHEMATICS PROGRAM

Grade 2 and the South Carolina College and Career Ready Standards

Lesson	Title	Math Content
9.1	Addition: Extending the count-on strategy to three-digit numbers	2.NSBT.7
9.2	Addition: Two- and three-digit numbers	2.NSBT.7
9.3	Addition: Three-digit numbers	2.NSBT.7
9.4	Addition: Composing three-digit numbers	2.NSBT.1 2.NSBT.1a 2.NSBT.1c
9.5	Addition: One- and three-digit numbers (composing tens)	2.NSBT.7 2.NSBT.1c
9.6	Addition: Two- and three-digit numbers (composing tens and hundreds)	2.NSBT.1 2.NSBT.1a 2.NSBT.1c 2.NSBT.7
9.7	Addition: Three-digit numbers (composing tens and hundreds)	2.NSBT.1 2.NSBT.1a 2.NSBT.7
9.8	Addition: Reinforcing three-digit numbers	2.NSBT.1 2.NSBT.1a 2.NSBT.7
9.9	Length: Introducing centimeters	2.MDA.1 2.MDA.4
9.10	Length: Working with centimeters	2.MDA.1 2.MDA.2 2.MDA.3
9.11	Length: Introducing meters	2.MDA.1 2.MDA.3 2.MDA.9 2.MDA.10
9.12	Length/data: Using line plots to record length	2.MDA.1 2.MDA.8
10.1	Subtraction: Two-digit multiples of ten from three-digit numbers (number line)	2.NSBT.7 2.MDA.5
10.2	Subtraction: Two-digit numbers from three-digit numbers beyond 200	2.NSBT.7 2.MDA.5
10.3	Subtraction: Three-digit numbers	2.NSBT.7 2.MDA.5
10.4	Subtraction: Reinforcing two- and three-digit numbers	2.NSBT.7 2.MDA.5
10.5	Subtraction: Counting on or back with three-digit numbers	2.NSBT.7 2.MDA.5
10.6	Subtraction: Decomposing three-digit numbers	2.NSBT.1 2.NSBT.1a 2.NSBT.1c
10.7	Subtraction: One-digit numbers from three-digit numbers (decomposing tens)	2.NSBT.1c 2.NSBT.7 2.MDA.5
10.8	Subtraction: Two-digit numbers from three-digit numbers (decomposing tens and hundreds)	2.NSBT1 2.NSBT.1a 2.NSBT.1c 2.NSBT.7 2.MDA.5
10.9	Subtraction: Reinforcing two-digit numbers from three-digit numbers (decomposing tens and hundreds)	2.NSBT.1 2.NSBT.1a 2.NSBT.7 2.MDA.5
10.10	Subtraction: Three-digit numbers (decomposing tens and hundreds)	2.NSBT.1 2.NSBT.1a 2.NSBT.7 2.MDA.5
10.11	Subtraction: Reinforcing three-digit numbers (decomposing tens and hundreds)	2.NSBT.7 2.MDA.5
10.12	Subtraction: Reinforcing two- and three-digit numbers (decomposing tens and hundreds)	2.NSBT.7
11.1	Multiplication: Adding jumps of two and five	2.NSBT.2
11.2	Multiplication: Describing equal groups	2.ATO.4
11.3	Multiplication: Adding equal groups	2.ATO.4
11.4	Multiplication: Describing arrays	2.ATO.4
11.5	Multiplication: Adding equal rows	2.ATO.4
11.6	3D objects: Identifying polyhedrons	2.G.1
11.7	3D objects: Identifying pyramids	2.G.1
11.8	3D objects: Analyzing attributes	2.G.1
11.9	3D objects: Drawing prisms	2.G.1
11.10	Money: Identifying amounts of money	2.MDA.7
11.11	Money: Working with dollars and cents	2.MDA.7
11.12	Money: Solving word problems	2.MDA.7

Lesson	Title	Math Content
12.1	Division: Developing language (sharing)	Optional. Grade 3 mastery.
12.2	Division: Developing language (grouping)	Optional. Grade 3 mastery.
12.3	Common fractions: Identifying one-half, one-fourth, and one-third	2.G.3
12.4	Common fractions: Working with parts of a whole (equal size)	2.G.3
12.5	Common fractions: Showing the same fraction with wholes of different size	2.G.3
12.6	Common fractions: Representing the same fraction in different ways	2.G.3
12.7	Area: Counting unit squares	2.G.2
12.8	Area: Drawing unit squares to determine area	2.G.2
12.9	Mass: Introducing pounds	Optional. Grade 4 mastery.
12.10	Mass: Introducing kilograms	Optional. Grade 4 mastery.
12.11	Capacity: Introducing cups, pints, and quarts	Optional. Grade 3 mastery.
12.12	Capacity: Introducing liters	Optional. Grade 3 mastery.