Grade K and the South Carolina College and Career Ready Standards

ORIGO STEPPING STONES 2.0 CORE MATHEMATICS PROGRAM

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
1.1.9 Number: Reading ordinal number symbols. This is an existing grade 1 lesson.
1.1.10 Number: Matching ordinal number names and symbols. This is an existing grade 1 lesson.

Lesson	Title	Math Content
1.1	Number: Creating groups of objects	K.NS.1 K.NS.2 K.NS.4 K.NS.6
1.2	Number: Creating groups of objects to match pictures	K.NS.1 K.NS.2 K.NS.4 K.NS.6
1.3	Number: Creating groups of pictures to match numerals (1 to 5)	K.NS.3 K.NS.4 K.NS.4a K.NS.5
1.4	Number: Working with 1 to 5	K.NS.3 K.NS.4 K.NS.4a K.NS.5
1.5	Data: Sorting into two categories	K.MDA.3
1.6	Data: Making yes/no graphs	K.MDA.3 K.MDA.4
2.1	Number: Creating groups to match numerals (6 to 10)	K.NS.3 K.NS.4 K.NS.4a K.NS.5
2.2	Number: Matching quantities to numerals	K.NS.3 K.NS.4 K.NS.4a K.NS.5
2.3	Number: Writing numerals 1 to 6	K.NS.1 K.NS.2 K.NS.3
2.4	Number: Writing numerals 7 to 10, and 0	K.NS.1 K.NS.2 K.NS.3
2.5	Number: Introducing the number track	K.NS.1 K.NS.2 K.NS.4
2.6	Number: Writing numbers just before and just after (up to 10)	K.NS.1 K.NS.2 K.NS.4 K.NS.4c
3.1	Number: Making groups that have more or fewer (up to 10)	K.NS.1 K.NS.2 K.NS.4b K.NS.5 K.NS.7
3.2	Number: Identifying groups that have more or fewer (up to 10)	K.NS.1 K.NS.2 K.NS.4b K.NS.7
3.3	Number: Comparing numbers (1 to 10)	K.NS.1 K.NS.2 K.NS.8
3.4	Length: Making comparisons	K.MDA.1 K.MDA.2
3.5	Mass: Making comparisons	K.MDA.2
3.6	Capacity: Making comparisons	K.MDA.2
4.1	Number: Writing number names (10, 7, 6, 3, 0)	K.NS.3 K.NS.4 K.NS.4a K.NS.5
4.2	Number: Writing number names (5, 9, 4, 8, 2, 1)	K.NS.1 K.NS.2 K.NS.3 K.NS.5
4.3	Number: Representing 0 to 10	K.NS.1 K.NS.2 K.NS.3 K.NS.5
4.4	Number: Working with benchmarks of five (five-frame)	K.NS.3 K.NS.4 K.NS.4a K.NS.5
4.5	Number: Working with benchmarks of ten (ten-frame)	K.NS.1 K.NS.2 K.NS.3 K.NS.5
4.6	Number: Working with unstructured arrangements	K.NS.3 K.NS.4 K.NS.4a K.NS.5
5.1	Equality: Introducing the idea of balance	K.NS.1 K.NS.2 K.ATO.1 K.ATO.3
5.2	Equality: Identifying an unknown part in balance situations	K.NS.1 K.NS.2 K.ATO.1 K.ATO.3 K.ATO.4
5.3	Equality: Identifying two parts that balance a total	K.ATO.1 K.ATO.3 K.ATO.4
5.4	Equality: Developing the language of equality	K.ATO.1 K.ATO.3
5.5	Position: Using spatial language	K.G.1
5.6	Position: Identifying left and right	K.G.1

Lesson	Title	Math Content
6.1	Addition: Adding two groups (put together)	K.ATO.1
6.2	Addition: Writing equations (put together)	K.NS.1 K.NS.2 K.ATO.1
6.3	Addition: Adding two groups (add to)	K.ATO.1
6.4	Addition: Writing equations (add to)	K.NS.1 K.NS.2 K.ATO.1
6.5	Addition: Relating concepts	K.ATO.1
6.6	Addition: Developing fact fluency	K.ATO.5
7.1	Number: Matching representations for 14, 16, and 17	K.NS.3 K.NS.5 K.NSBT.1
7.2	Number: Matching representations for 19, 18, and 15	K.NS.1 K.NS.2 K.NS.3 K.NS.5 K.NSBT.1
7.3	Number: Matching representations for 13, 12, 11, and 20	K.NS.3 K.NS.5 K.NSBT.1
7.4	Number: Analyzing teen numbers	K.NS.1 K.NS.2 K.NSBT.1
7.5	3D objects: Sorting objects	K.G.4
7.6	3D objects: Identifying objects	K.G.2
8.1	Subtraction: Representing situations (take apart)	K.ATO.1
8.2	Subtraction: Writing equations (take apart)	K.NS.1 K.NS.2 K.ATO.1
8.3	Subtraction: Representing situations (take from)	K.ATO.1
8.4	Subtraction: Writing equations (take from)	K.NS.1 K.NS.2 K.ATO.1
8.5	Subtraction: Relating concepts	K.ATO.1
8.6	Subtraction: Developing fact fluency	K.NS.1 K.NS.2 K.ATO.5
9.1	Number: Making groups that have one more or one fewer (up to 20)	K.NS.4 K.NS.4c
9.2	Number: Writing numbers that are one greater or one less (up to 20)	K.NS.1 K.NS.2 K.NS.4 K.NS.4c
9.3	Number: Working with position (up to 20)	K.NS.4 K.NS.4c K.NS.8
9.4	Number: Solving number puzzles	K.NS.1 K.NS.2 K.NSBT.1 K.ATO.2
1.1.9	**Number: Reading Ordinal Number Symbols**	**K.NS.9**
1.1.10	**Number: Matching Ordinal Number Names and Symbols**	**K.NS.9**
9.5	3D objects: Identifying and using objects	K.G.5
9.6	3D objects: Sorting 2D shapes and 3D objects	K.G.3
10.1	Addition: Identifying two parts that total 10	K.ATO.4
10.2	Addition: Decomposing numbers (up to 10)	K.NS.1 K.NS.2 K.ATO.3
10.3	Addition: Exploring the commutative property	Optional. Grade 1 mastery.
10.4	Addition: Introducing the think big, count small strategy	Optional. Grade 1 mastery.
10.5	2D shapes: Identifying shapes	K.G.2
10.6	2D shapes: Analyzing attributes of shapes	K.G.4
11.1	Addition/subtraction: Interpreting word problems	K.ATO.2
11.2	Addition/subtraction: Solving word problems (act out)	K.ATO.1 K.ATO.2
11.3	Addition/subtraction: Solving word problems (draw pictures)	K.ATO.1 K.ATO.2
11.4	Addition/subtraction: Solving word problems (write equations)	K.ATO.2
11.5	2D shapes: Drawing shapes	K.G.5
11.6	2D shapes: Creating shapes	Optional. Grade 1 mastery.

Lesson	Title	Math Content
12.1	Money: Identifying coins	Optional. Grade 1 mastery.
12.2	Money: Showing groups of coins	Optional. Grade 1 mastery.
12.3	Money: Identifying coin values	Optional. Grade 2 mastery.
12.4	Money: Working with coins	Optional. Grade 2 mastery.
12.5	Patterns: Continuing repeating patterns	K.ATO.6
12.6	Patterns: Identifying missing elements	K.ATO.6