

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**

2.1.5 Number: Composing and decomposing two-digit numbers. This is an existing grade 2 lesson.

**Problem Solving activities from the same grade level**

Grade 1 Module 3, Problem Solving 1 – Representing two-digit numbers

Grade 1 Module 3, Investigation 1 – Writing tens and ones

Grade 1 Module 3, Problem Solving 2 – Working with ten as a group

Grade 1 Module 12, Problem Solving 1 – Working with two-digit numbers

Grade 1 Module 9, Problem Solving 1 – Counting on 10, 20, or 30 cents from any two-digit number

Grade 1 Module 9, Problem Solving 2 – Adding two-digit numbers

Grade 1 Module 9, Problem Solving 3 – Make a list

Grade 1 Module 9, Problem Solving 4 – Word problems

Lesson	Title	Math Content
1.1	Number: Representing quantities (up to ten)	1.NSBT.1
1.2	Number: Writing numerals zero to nine	1.NSBT.1
1.3	Number: Matching representations (up to ten)	1.NSBT.1
1.4	Number: Representing quantities (11 to 20)	1.NSBT.1
1.5	Number: Writing teen number names	1.NSBT.1
1.6	Number: Representing teen numbers	1.NSBT.1 1.NSBT.2 1.NSBT.2a 1.NSBT.2b
1.7	Number: Making groups to show greater or less (up to 20)	1.NSBT.1 1.NSBT.2 1.NSBT.2a 1.NSBT.2b
1.8	Number: Working with position	1.NSBT.3
1.9	Number: Reading ordinal number symbols	Optional. Grade K mastery.
1.10	Number: Matching ordinal number names and symbols	Optional. Grade K mastery.
1.11	Data: Reviewing yes/no graphs	1.NSBT.1 1.MDA.4 1.MDA.5
1.12	Data: Creating and interpreting graphs	1.NSBT.1 1.MDA.4 1.MDA.5
2.1	Addition: Reviewing concepts	1.NSBT.1 1.ATO.6 1.ATO.8
2.2	Addition: Counting on, rather than counting all	1.NSBT.1 1.ATO.6
2.3	Addition: Introducing the count-on strategy	1.NSBT.1 1.ATO.6 1.ATO.8
2.4	Addition: Reinforcing the count-on strategy	1.NSBT.1 1.ATO.1 1.ATO.6 1.ATO.8
2.5	Addition: Reviewing the think big, count small strategy	1.NSBT.1 1.ATO.3 1.ATO.6
2.6	Addition: Using the commutative property	1.NSBT.1 1.ATO.3 1.ATO.6 1.ATO.8
2.7	Addition: Extending the count-on strategy (within 20)	1.NSBT.1 1.ATO.6 1.ATO.8
2.8	Addition: Introducing the doubles strategy	1.NSBT.1 1.ATO.6 1.ATO.8
2.9	Addition: Reinforcing the doubles strategy	1.ATO.6 1.ATO.8
2.10	Time: Introducing on the hour (analog)	1.MDA.3
2.11	Time: Reinforcing on the hour (analog)	1.MDA.3
2.12	Time: Reading on the hour (digital)	1.MDA.3

Lesson	Title	Math Content
3.1	Number: Naming groups of ten	1.NSBT.2 1.NSBT.2b 1.NSBT.5
3.2	Number: Writing tens and ones (without zeros)	1.NSBT.2 1.NSBT.2a 1.NSBT.2b 1.NSBT.5
3.3	Number: Writing tens and ones, and number names (without zeros)	1.NSBT.2 1.NSBT.2b 1.NSBT.5
3.4	Number: Writing tens and ones, and number names (with zeros)	1.NSBT.2 1.NSBT.2b 1.NSBT.5
3.5	Number: Writing tens and ones, and two-digit numerals	1.NSBT.2 1.NSBT.2b 1.NSBT.5
3.6	Number: Working with ten as a group	1.NSBT.2 1.NSBT.2a 1.NSBT.2b 1.NSBT.5
3.7	Number: Working with tens and ones (dimes and pennies)	1.NSBT.2 1.NSBT.2b 1.NSBT.5 1.MDA.6
2.1.5	<b>Number: Composing and decomposing two-digit numbers</b>	<b>1.NSBT.2 1.NSBT.2c</b>
3.8	Number: Solving puzzles	1.NSBT.2 1.NSBT.2b 1.NSBT.5
3.9	Length: Making direct comparisons	Optional. Grade K mastery.
3.10	Length: Making indirect comparisons	1.MDA.1
3.11	Length: Counting non-standard units to measure	1.MDA.2
3.12	Length: Measuring with non-standard units	1.MDA.2
4.1	Subtraction: Reviewing concepts (take apart)	1.NSBT.1 1.ATO.6 1.ATO.8
4.2	Subtraction: Reviewing concepts (take from)	1.ATO.6 1.ATO.8
4.3	Subtraction: Writing equations	1.NSBT.1 1.ATO.6 1.ATO.8
4.4	Subtraction: Introducing the count-back strategy	1.NSBT.1 1.ATO.6 1.ATO.8
4.5	Subtraction: Reinforcing the count-back strategy	1.NSBT.1 1.ATO.6 1.ATO.8
4.6	Subtraction: Solving word problems	1.ATO.1
4.7	Addition/subtraction: Solving word problems	1.ATO.1
4.8	2D shapes: Analyzing shapes	1.G.1
4.9	2D shapes: Sorting shapes	1.G.1
4.10	2D shapes: Identifying shapes	1.G.4
4.11	2D shapes: Creating shapes	1.G.4
4.12	2D shapes: Composing shapes	1.G.2
5.1	Addition: Introducing the double-plus-1 strategy	1.ATO.3 1.ATO.6 1.ATO.8
5.2	Addition: Reinforcing the double-plus-1 strategy	1.ATO.6 1.ATO.8
5.3	Addition: Introducing the double-plus-2 strategy	1.ATO.3 1.ATO.6 1.ATO.8
5.4	Addition: Reinforcing the double-plus-2 strategy	1.ATO.6 1.ATO.8
5.5	Addition: Comparing all strategies	1.ATO.6
5.6	Number: Using a pan balance to compare quantities	1.NSBT.3
5.7	Number: Comparing quantities (less than 100)	1.NSBT.3
5.8	Number: Comparing two-digit numbers (place value)	1.NSBT.3
5.9	Number: Comparing to order two-digit numbers	1.NSBT.3
5.10	Number: Introducing comparison symbols	Optional. Grade 2 mastery.
5.11	Number: Recording comparisons (with symbols)	Optional. Grade 2 mastery.
5.12	Number: Comparing two-digit numbers (with symbols)	Optional. Grade 2 mastery.

Lesson	Title	Math Content
6.1	Subtraction: Identifying the parts and total	1.ATO.4 1.ATO.8
6.2	Subtraction: Exploring the unknown-addend idea	1.ATO.4 1.ATO.8
6.3	Subtraction: Identifying unknown addends	1.ATO.4 1.ATO.8
6.4	Subtraction: Introducing the think-addition strategy (count-on facts)	1.ATO.4 1.ATO.6 1.ATO.8
6.5	Subtraction: Reinforcing the think-addition strategy (count-on facts)	1.ATO.4 1.ATO.6 1.ATO.8
6.6	Subtraction: Introducing the think-addition strategy (doubles facts)	1.ATO.4 1.ATO.6 1.ATO.8
6.7	Subtraction: Reinforcing the think-addition strategy (doubles facts)	1.ATO.4 1.ATO.6 1.ATO.8
6.8	Common fractions: Identifying examples of one-half (length model)	1.G.3
6.9	Common fractions: Identifying examples of one-half (area model)	1.G.3
6.10	Common fractions: Identifying examples of one-fourth (length model)	1.G.3
6.11	Common fractions: Identifying examples of one-fourth (area model)	1.G.3
6.12	Common fractions: Reinforcing one-half and one-fourth (area model)	1.G.3
<b>PS 3.1</b>	<b>Representing two-digit numbers</b>	<b>1.NSBT.1c 1.NSBT.1d 1.NSBT.2a</b>
<b>INV 3.1</b>	<b>Writing tens and ones</b>	<b>1.NSBT.2b</b>
<b>PS 3.2</b>	<b>Working with ten as a group</b>	<b>1.NSBT.2a 1.NSBT.2b 1.NSBT.2c</b>
<b>PS 12.1</b>	<b>Working with two-digit numbers</b>	<b>1.NSBT.2b</b>
7.1	Number: Analyzing 100	Optional. Grade 2 mastery.
7.2	Number: Writing three-digit numbers to 120 (without teens)	Optional. Grade 2 mastery.
7.3	Number: Writing numbers and number names to 120 (without teens)	Optional. Grade 2 mastery.
7.4	Number: Writing numbers and number names to 120 (with teens)	Optional. Grade 2 mastery.
7.5	Number: Writing three-digit numbers to 120	Optional. Grade 2 mastery.
7.6	Number: Writing two- and three-digit numbers to 120	Optional. Grade 2 mastery.
7.7	Subtraction: Introducing the think-addition strategy (near-doubles facts)	1.ATO.4 1.ATO.6 1.ATO.8
7.8	Subtraction: Reinforcing the think-addition strategy (near-doubles facts)	1.ATO.4 1.ATO.6 1.ATO.8
7.9	Subtraction: Reinforcing all strategies	1.ATO.1
7.10	Time: Introducing half-past the hour (analog)	1.MDA.3
7.11	Time: Reading and writing half-past the hour (digital)	1.MDA.3
7.12	Time: Relating analog and digital	1.MDA.3
8.1	Addition: Exploring combinations of ten	1.ATO.3 1.ATO.8
8.2	Addition: Using the associative property	1.ATO.3 1.ATO.8
8.3	Addition: Introducing the make-ten strategy	1.ATO.6 1.ATO.8
8.4	Addition: Reinforcing the make-ten strategy	1.ATO.6 1.ATO.8
8.5	Addition: Reinforcing the commutative property	1.ATO.3 1.ATO.6 1.ATO.8
8.6	Addition: Reinforcing all strategies	1.ATO.6 1.ATO.8
8.7	Equality: Reviewing concepts	1.ATO.7 1.ATO.8
8.8	Equality: Working with balance situations	1.ATO.7 1.ATO.8
8.9	Equality: Balancing equations	1.ATO.7 1.ATO.8
8.10	Data: Recording in a tally chart	1.MDA.4 1.MDA.5
8.11	Data: Collecting in a tally chart	1.MDA.4 1.MDA.5
8.12	Data: Interpreting a tally chart	1.MDA.4 1.MDA.5

Lesson	Title	Math Content
9.1	Addition: Extending the count-on strategy	1.NSBT.4 1.NSBT.4a
9.2	Addition: Identifying one or ten greater or less (hundred chart)	1.NSBT.5
9.3	Addition: Exploring patterns (hundred chart)	1.NSBT.4 1.NSBT.4a 1.ATO.8
9.4	Addition: Any two-digit number and 1, 2, 3 or 10, 20, 30 (hundred chart)	1.NSBT.4 1.NSBT.4a 1.NSBT.4b
9.5	Addition: Any two-digit number and a multiple of ten (hundred chart)	1.NSBT.4 1.NSBT.4b
9.6	Addition: Two-digit numbers (hundred chart)	Optional. Grade 2 mastery.
9.7	Addition: Introducing place-value methods	1.NSBT.4 1.NSBT.4a 1.NSBT.4b
9.8	Addition: Two-digit numbers	Optional. Grade 2 mastery.
9.9	Addition: One- and two-digit numbers (composing tens)	1.NSBT.4 1.NSBT.4a
PS 9.1	<b>Counting on 10, 20, 30 cents from any two-digit number</b>	<b>1.NSBT.4b</b>
PS 9.2	<b>Adding two-digit numbers</b>	<b>1.NSBT.3 1.NSBT.4b</b>
PS 9.3	<b>Make a list</b>	<b>1.NSBT.4b</b>
PS 9.4	<b>Word problems</b>	<b>1.NSBT.4a 1.NSBT.4b 1.NSBT.5</b>
9.10	Addition: Two-digit numbers (composing tens)	Optional. Grade 2 mastery.
9.11	Addition: Reinforcing place-value strategies (composing tens)	Optional. Grade 2 mastery.
9.12	Addition: Solving word problems	Optional. Grade 2 mastery.
10.1	Subtraction: Writing related facts	1.ATO.6 1.ATO.8
10.2	Subtraction: Reinforcing related facts	1.ATO.6 1.ATO.8
10.3	Subtraction: Writing related equations (multiples of ten)	1.NSBT.5 1.NSBT.6 1.ATO.6 1.ATO.8
10.4	Subtraction: Writing related addition and subtraction facts	1.ATO.6 1.ATO.8
10.5	Subtraction: Writing fact families	1.ATO.6 1.ATO.8
10.6	Subtraction: Exploring the comparison model	1.ATO.6 1.ATO.8
10.7	Subtraction: Counting on and back	1.ATO.6 1.ATO.8
10.8	Subtraction: Decomposing a number to bridge ten	1.ATO.6
10.9	Subtraction: Solving word problems (with comparisons)	1.ATO.1
10.10	3D objects: Identifying and sorting objects	Optional. Grade K mastery.
10.11	3D objects: Analyzing objects	Optional. Grade K mastery.
10.12	3D objects: Creating objects	1.G.12
11.1	Subtraction: Introducing the think-addition strategy (make-ten facts)	1.ATO.4 1.ATO.6 1.ATO.8
11.2	Subtraction: Reinforcing the think-addition strategy (make-ten facts)	1.ATO.4 1.ATO.6 1.ATO.8
11.3	Addition/subtraction: Reinforcing basic fact strategies	1.ATO.4 1.ATO.6 1.ATO.8
11.4	Addition/subtraction: Solving word problems (all facts)	1.ATO.1 1.ATO.2
11.5	Algebra: Counting in steps of two	1.ATO.5
11.6	Algebra: Counting in steps of five and ten	1.NSBT.1
11.7	Algebra: Exploring growing and shrinking patterns	1.ATO.5 1.ATO.9
11.8	Money: Relating dimes and pennies	1.MDA.6
11.9	Money: Relating all coins	1.MDA.6
11.10	Money: Determining the value of a collection of coins	Optional. Grade 2 mastery.
11.11	Money: Paying with coins	Optional. Grade 2 mastery.
11.12	Money: Relating dollars, dimes, and pennies	Optional. Grade 2 mastery.

Lesson	Title	Math Content
12.1	Number: Working with place value (hundred chart)	1.NSBT.2 1.NSBT.2b
12.2	Number: Solving puzzles (hundred chart)	1.NSBT.2 1.NSBT.2b 1.NSBT.3
12.3	Number: Exploring the counting sequence to 120	1.NSBT.2 1.NSBT.2b
12.4	Subtraction: Extending the count-back strategy	Optional. Grade 2 mastery.
12.5	Subtraction: Exploring patterns	Optional. Grade 2 mastery.
12.6	Subtraction: Multiples of ten from any two-digit number (hundred chart)	Optional. Grade 2 mastery.
12.7	Subtraction: 1, 2, 3 or 10, 20, 30 from any two-digit number (hundred chart)	Optional. Grade 2 mastery.
12.8	Subtraction: Two-digit numbers (hundred chart)	Optional. Grade 2 mastery.
12.9	Capacity: Making direct comparisons	Optional. Grade K mastery.
12.10	Capacity: Measuring with non-standard units	Optional. Grade 3 mastery.
12.11	Mass: Making direct comparisons	Optional. Grade K mastery.
12.12	Mass: Measuring with non-standard units	Optional. Grade 4 mastery.