

Level 2: Focused Mathematics Intervention Lesson Correlations

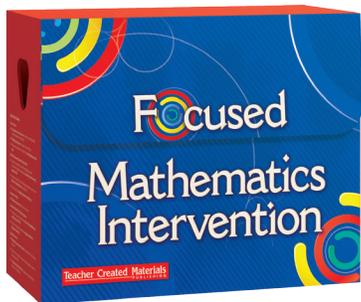
Lesson	Domain	Cluster	Standard	Math Practice
Lesson 1: Ones, Tens, and Hundreds	Number & Operations in Base Ten	Understand place value.	2.NBT.A.1 —Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones; e.g., 706 equals 7 hundreds, 0 tens, and 6 ones.	<ul style="list-style-type: none"> Attend to precision. Look for and make use of structure. Look for and express regularity in repeated reasoning.
Lesson 2: Tens and Hundreds	Number & Operations in Base Ten	Understand place value.	2.NBT.A.1.a —100 can be thought of as a bundle of ten tens, called a “hundred.” 2.NBT.A.1.b —The numbers 100, 200, 300, 400, 500, 600, 700, 800, 900 refer to one, two, three, four, five, six, seven, eight, or nine hundreds (and 0 tens and 0 ones).	<ul style="list-style-type: none"> Reason abstractly and quantitatively. Construct viable arguments and critique the reasoning of others. Model with mathematics. Look for and make use of structure. Look for and express regularity in repeated reasoning.
Lesson 3: Skip-Counting	Number & Operations in Base Ten	Understand place value.	2.NBT.A.2 —Count within 1,000; skip-count by 5s, 10s, and 100s.	<ul style="list-style-type: none"> Use appropriate tools strategically. Model with mathematics. Look for and make use of structure.
Lesson 4: Numbers to 1,000	Number & Operations in Base Ten	Understand place value.	2.NBT.A.3 —Read and write numbers to 1,000 using base ten numerals, number names, and expanded form.	<ul style="list-style-type: none"> Model with mathematics. Attend to precision. Look for and make use of structure.
Lesson 5: Expanded Form	Number & Operations in Base Ten	Understand place value.	2.NBT.A.3 —Read and write numbers to 1,000 using base-ten numerals, number names, and expanded form.	<ul style="list-style-type: none"> Model with mathematics. Look for and make use of structure. Look for and express regularity in repeated reasoning.
Lesson 6: Comparing Numbers	Number & Operations in Base Ten	Understand place value.	2.NBT.A.4 —Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using $>$, $=$, and $<$ symbols to record the results of comparisons.	<ul style="list-style-type: none"> Reason abstractly and quantitatively. Attend to precision. Look for and make use of structure.
Lesson 7: Adding Within 100	Number & Operations in Base Ten	Use place value understanding and properties of operations to add and subtract.	2.NBT.B.5 —Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.	<ul style="list-style-type: none"> Use appropriate tools strategically. Look for and make use of structure. Look for and express regularity in repeated reasoning.
Lesson 8: Subtracting Within 100	Number & Operations in Base Ten	Use place value understanding and properties of operations to add and subtract.	2.NBT.B.5 —Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.	<ul style="list-style-type: none"> Make sense of problems and persevere in solving them. Reason abstractly and quantitatively. Model with mathematics. Attend to precision.

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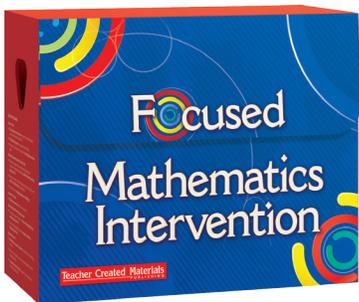
Lesson	Domain	Cluster	Standard	Math Practice
Lesson 9: Adding Multiple Two-Digit Numbers	Number & Operations in Base Ten	Use place value understanding and properties of operations to add and subtract.	2.NBT.B.6 —Add up to four two-digit numbers using strategies based on place value and properties of operations.	<ul style="list-style-type: none"> • Make sense of problems and persevere in solving them. • Construct viable arguments and critique the reasoning of others. • Look for and make use of structure. • Look for and express regularity in repeated reasoning.
Lesson 10: Adding and Subtracting 10 and 100	Number & Operations in Base Ten	Use place value understanding and properties of operations to add and subtract.	2.NBT.B.8 —Mentally add 10 or 100 to a given number 100–900, and mentally subtract 10 or 100 from a given number 100–900.	<ul style="list-style-type: none"> • Reason abstractly and quantitatively. • Model with mathematics. • Look for and make use of structure. • Look for and express regularity in repeated reasoning.
Lesson 11: Adding Within 1,000	Number & Operations in Base Ten	Use place value understanding and properties of operations to add and subtract.	2.NBT.B.7 —Add and subtract within 1,000, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method. Understand that in adding or subtracting three-digit numbers, one adds or subtracts hundreds and hundreds, tens and tens, ones and ones; and sometimes it is necessary to compose or decompose tens or hundreds.	<ul style="list-style-type: none"> • Make sense of problems and persevere in solving them. • Look for and make use of structure. • Look for and express regularity in repeated reasoning.
Lesson 12: Subtracting Within 1,000	Number & Operations in Base Ten	Use place value understanding and properties of operations to add and subtract.	2.NBT.B.7 —Add and subtract within 1,000, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method. Understand that in adding or subtracting three-digit numbers, one adds or subtracts hundreds and hundreds, tens and tens, ones and ones; and sometimes it is necessary to compose or decompose tens or hundreds.	<ul style="list-style-type: none"> • Use appropriate tools strategically. • Look for and make use of structure. • Look for and express regularity in repeated reasoning.
Lesson 13: Solving Addition Word Problems	Operations & Algebraic Thinking	Represent and solve problems involving addition and subtraction.	2.OA.A.1 —Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions; e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.	<ul style="list-style-type: none"> • Make sense of problems and persevere in solving them. • Construct viable arguments and critique the reasoning of others. • Model with mathematics. • Attend to precision. • Look for and make use of structure.

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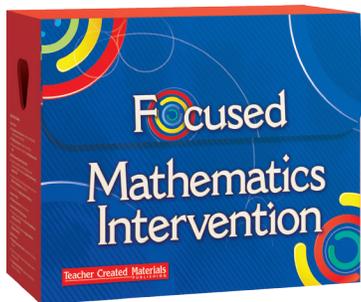
Lesson	Domain	Cluster	Standard	Math Practice
Lesson 14: Solving Subtraction Word Problems	Operations & Algebraic Thinking	Represent and solve problems involving addition and subtraction.	2.OA.A.1 —Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions; e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.	<ul style="list-style-type: none"> • Make sense of problems and persevere in solving them. • Construct viable arguments and critique the reasoning of others. • Model with mathematics. • Attend to precision. • Look for and make use of structure.
Lesson 15: Solving Two-Step Word Problems: Same Operation	Operations & Algebraic Thinking	Represent and solve problems involving addition and subtraction.	2.OA.A.1 —Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions; e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.	<ul style="list-style-type: none"> • Make sense of problems and persevere in solving them. • Construct viable arguments and critique the reasoning of others. • Model with mathematics. • Attend to precision. • Look for and make use of structure.
Lesson 16: Solving Two-Step Word Problems: Different Operations	Operations & Algebraic Thinking	Represent and solve problems involving addition and subtraction.	2.OA.A.1 —Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions; e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.	<ul style="list-style-type: none"> • Make sense of problems and persevere in solving them. • Model with mathematics. • Attend to precision. • Look for and make use of structure.
Lesson 17: Odd and Even Numbers	Operations & Algebraic Thinking	Work with equal groups of objects to gain foundations for multiplication.	2.OA.C.3 —Determine whether a group of objects (up to 20) has an odd or even number of members; e.g., by pairing objects or counting them by 2s; write an equation to express an even number as a sum of two equal addends.	<ul style="list-style-type: none"> • Make sense of problems and persevere in solving them. • Model with mathematics. • Attend to precision. • Look for and make use of structure.
Lesson 18: Repeated Addition Using Arrays	Operations & Algebraic Thinking	Work with equal groups of objects to gain foundations for multiplication.	2.OA.C.4 —Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends.	<ul style="list-style-type: none"> • Make sense of problems and persevere in solving them. • Model with mathematics. • Look for and make use of structure.
Lesson 19: Bar Graphs	Measurement & Data	Represent and interpret data.	2.MD.D.10 —Draw a picture graph and a bar graph (with single-unit scale) to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems using information presented in a bar graph.	<ul style="list-style-type: none"> • Reason abstractly and quantitatively. • Model with mathematics. • Attend to precision.
Lesson 20: Measuring Length	Measurement & Data	Measure and estimate lengths in standard units.	2.MD.A.1 —Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes.	<ul style="list-style-type: none"> • Make sense of problems and persevere in solving them. • Use appropriate tools strategically. • Attend to precision.
Lesson 21: Measuring with Two Units	Measurement & Data	Measure and estimate lengths in standard units.	2.MD.A.2 —Measure the length of an object twice, using length units of different lengths for the two measurements; describe how the two measurements relate to the size of the unit chosen.	<ul style="list-style-type: none"> • Make sense of problems and persevere in solving them. • Use appropriate tools strategically. • Attend to precision.

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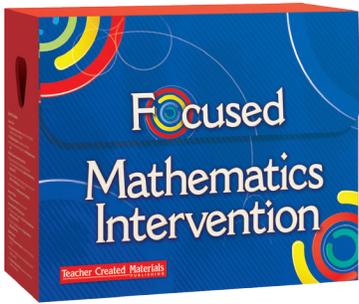
Lesson	Domain	Cluster	Standard	Math Practice
Lesson 22: Estimating Length	Measurement & Data	Measure and estimate lengths in standard units.	2.MD.A.3 —Estimate lengths using units of inches, feet, centimeters, and meters.	<ul style="list-style-type: none"> Make sense of problems and persevere in solving them. Attend to precision. Look for and make use of structure. Look for and express regularity in repeated reasoning.
Lesson 23: Finding Differences in Length	Measurement & Data	Measure and estimate lengths in standard units.	2.MD.A.4 —Measure to determine how much longer one object is than another, expressing the length difference in terms of a standard length unit.	<ul style="list-style-type: none"> Make sense of problems and persevere in solving them. Model with mathematics. Use appropriate tools strategically. Attend to precision.
Lesson 24: Adding in Measurement Word Problems	Measurement & Data	Relate addition and subtraction to length.	2.MD.B.5 —Use addition and subtraction within 100 to solve word problems involving lengths that are given in the same units; e.g., by using drawings (such as drawings of rulers) and equations with a symbol for the unknown number to represent the problem.	<ul style="list-style-type: none"> Make sense of problems and persevere in solving them. Reason abstractly and quantitatively. Model with mathematics. Attend to precision.
Lesson 25: Subtracting in Measurement Word Problems	Measurement & Data	Relate addition and subtraction to length.	2.MD.B.5 —Use addition and subtraction within 100 to solve word problems involving lengths that are given in the same units; e.g., by using drawings (such as drawings of rulers) and equations with a symbol for the unknown number to represent the problem.	<ul style="list-style-type: none"> Make sense of problems and persevere in solving them. Reason abstractly and quantitatively. Model with mathematics. Attend to precision.
Lesson 26 Number Lines	Measurement & Data	Relate addition and subtraction to length.	2.MD.B.6 —Represent whole numbers as lengths from 0 on a number line diagram with equally spaced points corresponding to the numbers 0, 1, 2, ..., and represent whole-number sums and differences within 100 on a number line diagram.	<ul style="list-style-type: none"> Make sense of problems and persevere in solving them. Construct viable arguments and critique the reasoning of others. Model with mathematics. Use appropriate tools strategically. Look for and make use of structure.
Lesson 27: Telling Time	Measurement & Data	Work with time and money.	2.MD.C.7 —Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m.	<ul style="list-style-type: none"> Reason abstractly and quantitatively. Use appropriate tools strategically. Attend to precision. Look for and make use of structure.
Lesson 28: Solving Money Problems	Measurement & Data	Work with time and money.	2.MD.C.8 —Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using \$ and ¢ symbols appropriately.	<ul style="list-style-type: none"> Make sense of problems and persevere in solving them. Attend to precision. Look for and express regularity in repeated reasoning. Look for and make use of structure.

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Lesson	Domain	Cluster	Standard	Math Practice
Lesson 29: Shapes and Their Attributes	Geometry	Reason with shapes and their attributes.	2.G.A.1 —Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.	<ul style="list-style-type: none"> Reason abstractly and quantitatively. Attend to precision. Look for and make use of structure.
Lesson 30: Partitioning Shapes	Geometry	Reason with shapes and their attributes.	2.G.A.3 —Partition circles and rectangles into two, three, or four equal shares, describe the shares using the words <i>halves</i> , <i>thirds</i> , <i>half of</i> , <i>a third of</i> , etc., and describe the whole as two halves, three thirds, four fourths. Recognize that equal shares of identical wholes need not have the same shape.	<ul style="list-style-type: none"> Make sense of problems and persevere in solving them. Attend to precision. Construct viable arguments and critique the reasoning of others.

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