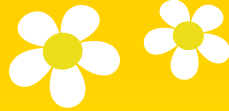


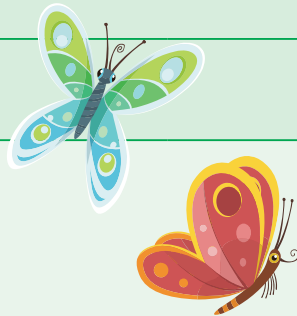


Idaho Content Standards Mathematics



KINDERGARTEN



				Mathseeds Lesson #			Additional Mathseeds Resources	
Domain	Cluster	Standard	Code	Knowledge and Skills	Assessment	Higher Order Thinking Skills	Fluency	Assessment
				Online Lesson, Printable Resources, & Problem Solving Tasks	End-of-lesson Quiz	Critical Thinking and Problem Solving Interactives	Driving Tests (DT) Mental Minute (MM)	Printable Achievement Standards Assessment
Counting and Cardinality	Know number names and the count sequence.	Count to 100 by ones and by tens; Count forward within 100 and backward within 20; Write numbers from 0 to 20. Represent a number of objects with a written numeral 0–20.	K.CC.A.1 K.CC.A.2 K.CC.A.3	1, 2, 3, 5, 7, 10, 11, 12, 14, 16, 17, 18, 19, 20, 21, 22, 25, 28, 31, 33, 41, 43, 45, 46, 48, 50, 63		12, 19, 30, 31, 41, 46	DT Kindergarten Number 1–25	Kindergarten Number Test 1–4, 6
	Count to tell the number of objects.	Understand the relationship between numbers and quantities; connect counting to cardinality; Count the number of objects in a group. Given a written number, count out that many objects.	K.CC.B.4 K.CC.B.5				DT Kindergarten Number 1, 6, 7, 14, 18, 19	Kindergarten Number Test 2
	Compare numbers.	Identify whether the number of objects in one groups is greater than, less than, or equal to the number of objects in another group; Compare two numbers.	K.CC.C.6 K.CC.C.7				DT Kindergarten Number 8, 20	Kindergarten Number Test 3
Operations and Algebraic Thinking	Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.	Represent addition and subtraction of two whole numbers; Solve addition and subtraction word problems within ten; Fluently add and subtract within five.	K.OA.A.1 K.OA.A.2 K.OA.A.5	21, 24, 25, 30, 31, 32, 34, 36, 40, 47, 49, 50		30, 31, 36, 40, 46, 47	DT Kindergarten Operations 1–25 MM Addition Sprints MM Subtraction Sprints	Kindergarten Operations Test 1, 2, 4
		Decompose whole numbers from one to ten into pairs in more than one way.	K.OA.A.3	31, 32, 34, 36, 40, 47		19, 34, 36, 40	DT Kindergarten Operations 9, 10	Kindergarten Operations Test 3
		Find the number that makes ten when added to the number.	K.OA.A.4	31, 34, 36, 40		36		
Number and Operations in Base Ten	Work with numbers 11–19 to gain foundations for place value.	Compose and decompose numbers from 11 to 19.	K.NBT.A.1	41, 43, 45, 46, 48, 50		43	DT Kindergarten Number 11, 12	Kindergarten Number Test 4
Measurement and Data	Describe and compare measurable attributes.	Describe measurable attributes of objects (length). Directly compare two objects with a measurable attribute in common, to see which object has “more of”/“less of” the attribute, and describe the difference.		13, 26			DT Kindergarten Measurement 2, 3, 5, 6, 9, 10	Kindergarten Measurement Test 1–3
		Describe measurable attributes of objects (weight). Directly compare two objects with a measurable attribute in common, to see which object has “more of”/“less of” the attribute, and describe the difference.	K.MD.A.1 K.MD.A.2	29, 73, 135, 172		135	DT Kindergarten Measurement 7, 8, 11, 12 DT Grade 2 Measurement 17, 18	Kindergarten Measurement Test 4 Grade 2 Measurement: Informal Units Test 6–8
		Describe measurable attributes of objects. Directly compare two objects with a measurable attribute in common, to see which object has “more of”/“less of” the attribute, and describe the difference.		38, 42, 89, 109, 116		38	DT Kindergarten Measurement 1, 4, 13–20 DT Grade 1 Measurement 11, 17–19 DT Grade 2 Measurement 1–5, 14, 16	Kindergarten Measurement Test 5–7 Grade 1 Measurement: Length and Capacity Test 6, 7 Grade 2 Measurement: Informal Units Test 4, 5, 8
	Classify objects and count the number of objects in each category.	Classify objects into given categories; count the numbers of objects in each category and sort the categories by count.	K.MD.B.3				DT Kindergarten Data 1–10	Kindergarten Data Test 1, 2
Geometry	Identify and describe shapes. & Analyze, compare, create, and compose shapes.	Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms.	K.G.A.1	57, 78, 94, 164		57, 78, 94	DT Kindergarten Geometry 9–11, 13, 14 DT Grade 1 Geometry 4, 5, 11, 12, 14–16 DT Grade 2 Geometry 1, 2, 8, 9, 11–13	Kindergarten Geometry Test 5, 6 Grade 1 Geometry: Shape Test 7, 8 Grade 2 Geometry: Shape and Movement Test 6–8
		Correctly name shapes regardless of their orientations or overall size; Identify shapes as two-dimensional or three-dimensional; Analyze and compare two- and three-dimensional shapes in different sizes and orientations; Model shapes in the world by building shapes from components/materials and drawing shapes.	K.G.A.2 K.G.A.3 K.G.B.4 K.G.B.5	4, 6, 8, 9, 15, 23, 27, 35, 37, 44		6, 8, 15, 23, 27	DT Kindergarten Geometry 1–8, 15–23	Kindergarten Geometry Test 1–4
		Compose simple shapes to form larger two-dimensional shapes.	K.G.B.6	69		69	DT Kindergarten Geometry 12	Kindergarten Geometry Test 4

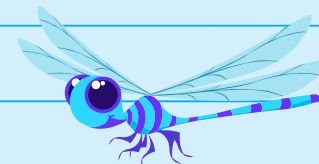


Idaho Content Standards Mathematics



GRADE 1

Domain	Cluster	Standard	Code	Mathseeds Lesson #			Additional Mathseeds Resources	
				Knowledge and Skills	Assessment	Higher Order Thinking Skills	Fluency	Assessment
Operations and Algebraic Thinking	Represent and solve problems involving addition and subtraction.	Solve addition and subtraction word problems within 20.	1.OA.A.1	64, 68, 85, 88, 100		53, 56, 65, 68, 72, 76, 77, 83, 85, 91, 100	MM Addition Sprints MM Subtraction Sprints	Grade 1 Number and Algebra: Operations Test 2–5
		Solve word problem problems that call for addition of three whole numbers.	1.OA.A.2	51, 65		51, 83	DT Grade 1 Operations 2 MM Addition Sprints MM Subtraction Sprints	
	Understand and apply properties of operations and the relationship between addition and subtraction.	Apply properties of operations to add; Restate a subtraction problem as a missing addend problem using the relationship between addition and subtraction.	1.OA.B.3 1.OA.B.4	93, 100		93, 100	DT Grade 1 Operations 16 MM Addition Sprints MM Subtraction Sprints	Grade 1 Number and Algebra: Operations Test 5
		Relate counting to addition and subtraction.	1.OA.C.5	53, 58, 65, 68, 88, 95		53, 56	DT Grade 1 Operations 4, 5	Grade 1 Number and Algebra: Operations Test 1–4
	Add and subtract within 20.	Demonstrate fluency for addition and subtraction within ten, use strategies to add and subtract within 20.	1.OA.C.6	53, 56, 58, 64, 65, 72, 83, 85, 91, 92, 93		53, 56, 65, 68, 72, 76, 77, 83, 85, 91	DT Grade 1 Operations 1, 3, 6 MM Addition Sprints MM Subtraction Sprints	
		Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false.	1.OA.D.7	76			DT Grade 1 Number 18 DT Grade 1 Operations 10, 11 MM Addition Sprints MM Subtraction Sprints	
	Work with addition and subtraction equations.	Determine the unknown number in an addition or subtraction equation relating three whole numbers, with the unknown in any position.	1.OA.D.8	51, 53, 56, 58, 65, 68, 72, 85, 91, 93, 95, 96, 98, 100		83	DT Grade 1 Operations 8, 12 MM Addition Sprints MM Subtraction Sprints	
Number and Operations in Base Ten	Extend the counting sequence.	Count forward and backwards within 120 by ones. Skip count by twos, fives and tens. Read and write numerals and represent a number of objects with a written numeral.	1.NBT.A.1	56, 60, 67, 75, 77, 79, 81, 86, 90		56, 60, 67, 75, 77, 79, 81, 88	DT Grade 1 Number 1–24	Grade 1 Number and Algebra: Whole Numbers Test 1–9
		Understand that the two digits of a two-digit number represent amounts of tens and ones.	1.NBT.B.2	60, 67, 75, 81, 86, 88		60, 81, 88	DT Grade 1 Number 9, 10, 19, 24	Grade 1 Number and Algebra: Place Value Test 1–5
	Use place value understanding and properties of operations to add and subtract.	Compare two two-digit numbers based on meanings of the tens and ones digits, recording the results of comparisons with the symbols $>$, $=$, and $<$.	1.NBT.B.3	56, 60, 67, 75, 79, 81, 86, 90		81, 88	DT Grade 1 Number 4, 7, 13, 15, 20	Grade 1 Number and Algebra: Place Value Test 6
		Add whole numbers within 100.	1.NBT.C.4	53, 56, 58, 64, 65, 68, 72, 83, 85, 88, 91, 92, 93, 95, 96, 98, 100		53, 56, 65, 68, 72, 76, 77, 83, 85, 91, 95, 96, 98, 100	DT Grade 1 Operations 1–20 MM Addition Sprints MM Subtraction Sprints	
		Mentally find ten more or ten less than the number, without having to count.	1.NBT.C.5	79		79	DT Grade 1 Operations 13–15, 17–20	
		Subtract multiples of ten in the range 10–90 from multiples of ten in the range 10–90 using various strategies.	1.NBT.C.6	96, 98		96, 98	MM Addition Sprints MM Subtraction Sprints	
Measurement and Data	Measure lengths indirectly and by iterating (repeating) length units.	Order three objects by length and compare the lengths; Express the length of an object as a whole number of length units; Understand that the length measurement of an object is the number of same size length units that span it with no gaps or overlaps.	1.MD.A.1 1.MD.A.2	55, 84			DT Grade 1 Measurement 2, 4, 13, 14	Grade 1 Measurement: Length and Capacity Test 1–5
		Tell and write time.	1.MD.B.3	39, 54, 70, 87		87	DT Grade 1 Measurement 1, 8–10, 15, 16	Grade 1 Measurement: Time Test 1–6
	Represent and interpret data.	Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.	1.MD.C.4	80, 97		80	DT Grade 1 Data 1–4, 6, 9, 10, 12–16	Grade 1 Statistics: Data Test 1–5
		Identify quarters, dimes, and nickels and relate their values to pennies. Find equivalent values.	1.MD.D.5	64, 83, 92			DT Grade 1 Measurement 3, 5–7	Kindergarten Number Test 5 Grade 1 Number and Algebra: Fractions and Money Test 4–8
Geometry	Reason with shapes and their attributes.	Compare defining attributes and non-defining attributes of two- and three-dimensional shapes; build and draw shapes that posses defining attributes.	1.G.A.1	52, 62, 69, 99		52, 62, 69	DT Grade 1 Geometry 1–3, 6–8, 10, 17–19	Grade 1 Geometry: Shape Test 1–5
		Compose two-dimensional or three-dimensional shapes to create a composite shape, and compose new shapes from the composite shape.	1.G.A.2	69		69	DT Grade 1 Geometry 9, 13	Grade 1 Geometry: Shape Test 6
		Partition circles and rectangles into two and four equal shares. Understand for these examples that decomposing into more equal shares creates smaller shares.	1.G.A.3	61, 66			DT Grade 1 Patterns and Fractions 3, 5, 6, 11–14	Grade 1 Number and Algebra: Fractions and Money Test 1–3, 7





Idaho Content Standards Mathematics



GRADE 2



				Mathseeds Lesson #			Additional Mathseeds Resources	
				Knowledge and Skills	Assessment	Higher Order Thinking Skills	Fluency	Assessment
Domain	Cluster	Standard	Code	Online Lesson, Printable Resources, & Problem Solving Tasks	End-of-lesson Quiz	Critical Thinking and Problem Solving Interactives	Driving Tests (DT) Mental Minute (MM)	Printable Achievement Standards Assessment
Operations and Algebraic Thinking	Represent and solve problems involving addition and subtraction.	Use addition and subtraction within 100 to solve one- and two-step word problems.	2.OA.A.1	103, 110, 111, 113, 118, 120, 124, 128, 131, 133, 134, 137, 139, 148, 150		112, 118, 124, 125, 128, 132, 133, 134, 136, 139, 144, 146, 147, 150	MM Addition Sprints MM Subtraction Sprints	Grade 1 Number and Algebra: Operations Test 6 Grade 2 Number and Algebra: Addition and Subtraction Test 1–8
	Add and subtract within 20.	Demonstrate fluency for addition and subtraction within 20 using mental strategies.	2.OA.B.2	140, 142			DT Grade 2 Operations 2, 5, 22 MM Addition Sprints MM Subtraction Sprints	Grade 2 Number and Algebra: Addition and Subtraction Test 1, 2
	Work with equal groups of objects to gain foundations for multiplication.	Determine whether a group of objects has an odd or even number of members and write an equation to express an even number as a sum of two equal addends.	2.OA.C.3	108, 166		108	DT Grade 2 Operations 3	
		Use addition to find the total number of objects arranged in rectangular arrays; write an equation to express the total as a sum of equal addends.	2.OA.C.4	111, 113, 115, 130		113, 130, 136	DT Grade 2 Operations 6, 8–12, 19 MM Addition Sprints MM Multiplication Sprints	Grade 2 Number and Algebra: Equal Groups Test 1–5
Number and Operations in Base Ten		Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones; Read and write numbers from 0 to 1,000 using standard form, expanded form, and word form.	2.NBT.A.1 2.NBT.A.3	101, 105, 106, 117, 133, 140		101, 105, 106, 117	DT Grade 2 Number 1–24	Grade 2 Number and Algebra: Numbers to 1000 Test 1–7
	Understand place value.	Count within 1,000; skip-count by fives, tens, and 100s. Identify patterns in skip counting starting at any number.	2.NBT.A.2	117, 133, 140		117	DT Grade 2 Number 1–7, 9–13, 16–18 DT Grade 1 Patterns and Fractions 7–10 DT Grade 2 Patterns and Fractions 1–4, 6–10, 13	Grade 1 Number and Algebra: Patterns Test 1–7 Grade 2 Number and Algebra: Number Patterns Test 1–8
		Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, recording the results of comparisons with the symbols $>$, $=$, and $<$.	2.NBT.A.4	106, 112, 122		106	DT Grade 2 Number 14, 15	Grade 2 Number and Algebra: Numbers to 1000 Test 6
	Use place value understanding and properties of operations to add and subtract.	Fluently add and subtract whole numbers within 100 using understanding of place value and properties of operations; Add up to four two-digit numbers using strategies based on place value and properties of operations.	2.NBT.B.5 2.NBT.B.6	103, 110, 118, 120, 124, 133, 144, 146, 150		118, 124, 133, 139, 144, 146, 150	DT Grade 2 Operations 1, 2, 4, 5, 14–17 MM Addition Sprints MM Subtraction Sprints	Grade 2 Number and Algebra: Addition and Subtraction Test 1–8
		Add and subtract whole numbers within 1,000.	2.NBT.B.7	128, 129, 134, 144, 146		134, 144, 146	DT Grade 2 Operations 18, 24–28 MM Addition Sprints MM Subtraction Sprints	
		Use mental strategies to add or subtract a number that is ten more, ten less, one hundred more, and one hundred less than a given three-digit number.	2.NBT.B.8	148		148	DT Grade 2 Operations 7, 13, 21, 24, 27, 28 MM Addition Sprints MM Subtraction Sprints	
Measurement and Data	Measure and estimate lengths in standard units.	Measure the length of an object by selecting and using appropriate tools; Measure the length of an object twice; Estimate lengths using units of inches, feet, centimeters, and meters; Measure to determine how much longer one object is than another, expressing the length difference in terms of a standard length unit.	2.MD.A.1 2.MD.A.2 2.MD.A.3 2.MD.A.4	104, 126, 140		104, 141	DT Grade 2 Measurement 6, 9, 11, 13, 15, 19, 21–24	Grade 2 Measurement: Informal Units Test 1, 2, 8
	Relate addition and subtraction to length.	Use addition and subtraction within 100 to solve word problems involving lengths that are given in the same units; Represent whole numbers as lengths from zero on a number line diagram with equally spaced points and represent whole-number sums and differences within 100 on a number line diagram.	2.MD.B.5 2.MD.B.6	141, 143		104, 141	DT Grade 2 Operations 1, 4, 14, 15 MM Addition Sprints MM Subtraction Sprints	Grade 2 Number and Algebra: Numbers to 1000 Test 4
	Work with time and money.	Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m.	2.MD.C.7	114, 123, 127			DT Grade 2 Measurement 7, 10, 20	Grade 2 Measurement: Time Test 1–5
		Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using \$ and ¢ symbols appropriately and whole-dollar amounts.	2.MD.C.8	125, 147		125, 130, 147	DT Grade 2 Measurement 12	Grade 2 Number and Algebra: Fractions and Money Test 5–8
	Represent and interpret data.	Generate measurement data by measuring lengths of several objects to the nearest whole unit, or by making repeated measurement of the same object. Organize and record data on a line plot (dot plot) where the horizontal scale is marked off in whole-number units; 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 the graph.	2.MD.D.9 2.MD.D.10	143			DT Grade 2 Data and Chance 1, 4, 5, 7–14	Grade 2 Statistics: Data Test 1–6
Geometry	Reason with shapes and their attributes.	Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, squares, rectangles, rhombi, trapezoids, pentagons, hexagons, octagons, and cubes.	2.G.A.1	102, 119, 121, 145		102, 119, 121, 140	DT Grade 2 Geometry 3–7, 10	Grade 2 Geometry: Shape and Movement Test 1–5
		Partition a rectangle into rows and columns of same-size squares and count to find the total number of them; Partition circles and rectangles into two, three, or four equal shares. Understand for these examples that decomposing into more equal shares creates smaller shares.	2.G.A.2 2.G.A.3	132			DT Grade 2 Patterns and Fractions 5, 11, 12, 14–17	Grade 2 Number and Algebra: Fractions and Money Test 1–4





Idaho Content Standards Mathematics



GRADE 3

				Mathseeds Lesson #			Additional Mathseeds Resources	
Domain	Cluster	Standard	Code	Knowledge and Skills	Assessment	Higher Order Thinking Skills	Fluency	Assessment
				Online Lesson, Printable Resources, & Problem Solving Tasks	End-of-lesson Quiz	Critical Thinking and Problem Solving Interactives	Driving Tests (DT) Mental Minute (MM)	Printable Achievement Standards Assessment
Operations and Algebraic Thinking	Represent and solve problems involving multiplication and division.	Interpret a product of whole numbers as grouping of sets.	3.OA.A.1	74, 155		153, 168, 176, 181, 186, 188, 196	MM Multiplication Sprints	
		Interpret a quotient of whole numbers as equal sharing.	3.OA.A.2	71, 136, 165, 181, 190			MM Division Sprints	
		Use multiplication and division within 100 to solve word problems.	3.OA.A.3	168, 196		168, 196	MM Multiplication Sprints MM Division Sprints	
		Determine the unknown whole number in a multiplication or division equation relating three whole numbers.	3.OA.A.4	186		186	MM Multiplication Sprints MM Division Sprints	
	Understand properties of multiplication and the relationship between multiplication and division.	Apply the properties of operations to multiply and divide; Understand division as determining an unknown factor in a multiplication problem.	3.OA.B.5 3.OA.B.6	181, 190		181	MM Multiplication Sprints MM Division Sprints	
	Multiply and divide within 100.	Demonstrate fluency for multiplication within 100.	3.OA.C.7	155, 158, 165, 168, 171, 176, 196, 199		186, 188, 193, 199	MM Multiplication Sprints MM Division Sprints	
	Solve problems involving the four operations, and identify and explain patterns in arithmetic.	Solve two-step word problems involving whole numbers using the four operations.	3.OA.D.8	183, 188, 193, 195		183, 188, 193, 195	MM Addition Sprints MM Subtraction Sprints MM Multiplication Sprints MM Division Sprints	
		Identify arithmetic patterns and explain them using properties of operations.	3.OA.D.9	153		153, 195		
Number and Operations in Base Ten	Use place value understanding and properties of operations to perform multi-digit arithmetic.	Round a whole number to the tens or hundreds place, using place value understanding or a visual representation.	3.NBT.A.1	129, 194		194		
		Fluently add and subtract whole numbers within 1,000 using understanding of place value and properties of operations.	3.NBT.A.2	163, 170, 173, 178		170, 172, 178, 183, 188, 195	MM Addition Sprints MM Subtraction Sprints	
		Multiply one-digit whole numbers by multiples of ten in the range 10–90 using understanding of place value and properties of operations.	3.NBT.A.3	155, 165, 171, 176, 188, 190			MM Multiplication Sprints MM Division Sprints	
Number and Operations – Fractions	Develop understanding of fractions as numbers.	Understand a fraction $\frac{1}{b}$ as the quantity formed by one part when a whole is partitioned into b equal parts; understand $\frac{a}{b}$ as the quantity formed by a parts of size $\frac{1}{b}$.	3.NF.A.1	138, 160, 175, 191		191		
		Understand a fraction as number on the number line; represent fractions on a number line diagram.	3.NF.A.2	160, 180, 191		180		
		Explain equivalence of fractions and compare fractions by reasoning about their size.	3.NF.A.3	160, 175, 180, 191, 197		180, 197		
Measurement and Data	Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.	Tell and write time to the nearest minute within the same hour and measure time intervals in minutes. Solve word problems involving addition and subtraction of time intervals in minutes.	3.MD.A.1	162, 179, 185, 189		179, 185, 189, 199		
		Identify and use the appropriate tools and units of measurement, both customary and metric, to solve one-step word problems using the four operations involving weight, mass, liquid volume, and capacity.	3.MD.A.2	116, 135, 154, 172		154		
	Represent and interpret data.	Draw a scaled picture graph and scaled bar graph to represent a data set with several categories. Solve one- and two-step “how many more” and “how many less” problems using information presented in scaled bar graphs; Generate measurement data by measuring lengths of objects. Record and show the data by making a line plot (dot plot).	3.MD.B.3 3.MD.B.4	174, 182, 187, 198		187		
		Understand concepts of area and relate area to multiplication and to addition.	3.MD.C.5 3.MD.C.6 3.MD.C.7	59, 112, 149, 157, 200		59, 149	DT Grade 2 Measurement 6	Grade 2 Measurement: Informal Units Test 3, 8
	Geometric measurement	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures.	3.MD.D.8	192				
Geometry	Reason with shapes and their attributes.	Understand that shapes in different categories may share attributes, and that the shared attributes can define a larger category. Compare and classify shapes by their sides and angles. Recognize examples of quadrilaterals, and draw examples of quadrilaterals that do not belong to any of these subcategories.	3.G.A.1	169, 184				

