Mathseeds Lessons and Indiana Academic Standards

Kindergarten

Strand	Focus	Codes	Mathseeds Lesson #	Fluency	Assessment
Number Sense	Count to at least 100 by ones and tens.	K.NS.1, K.NS.2, K.NS.3, K.NS.4, K.NS.5, K.NS.6, K.NS.7, K.NS.8, K.NS.9, K.NS.10, K.NS.11	1, 2, 3, 5, 7, 10, 11, 12, 14, 16, 17, 18, 19, 21, 22, 33, 41, 43, 45, 46, 48		Driving Tests Number
	Write whole numbers from 0 to 20.				
	Find the number that is one more than or one less than.				
	Say the number names in standard order when counting objects.				
	Count up to 20 objects arranged in a line, a rectangular array, or a circle.				
	Identify greater than, less than, or equal to.				
	Compare the values of two numbers.				
	Use correctly the words for comparison.				
Computation and Algebraic Thinking	Represent addition and subtraction within 10.	K.CA.1, K.CA.2, K.CA.3, K.CA.4, K.CA.5	20, 24, 25, 28, 30, 31, 32, 34, 36, 40, 47, 49, 50	Number Facts Addition Maps 1–6 Number Facts Subtraction Maps 1 – 6	Driving Tests Operations; Patterns
	Solve real-world problems that involve addition and subtraction within 10				
	Create and extend simple patterns with numbers and shapes.				
Geometry	Compare two- and three-dimensional shapes.	K.G.1, K.G.2, K.G.3, K.G.4	4, 6, 9, 15, 23, 27, 35, 37, 44		Driving Test Geometry
	Compose simple geometric shapes to form larger shapes				
Measurement	Make direct comparisons of the length, capacity, weight, and temperature of objects.	K.M.1, K.M.2	13, 26, 29, 38, 39, 42		Driving Test Measuremen
	Understand concepts of time.				
Data Analysis	Identify, sort, and classify objects by size, number, and other attributes.	K.DA.1	8		Driving Tests Patterns; Data

Grade 1

Strand	Focus	Codes	Mathseeds Lesson #	Fluency	Assessment
Number Sense	Count to at least 120 by ones, fives, and tens.	1.NS.1, 1.NS.2, 1.NS.3, 1.NS.4, 1.NS.5, 1.NS.6	60, 63, 67, 75, 81, 86, 88		Driving Tests Number
	Understand that 10 can be thought of as a group of ten ones.				
	Match ordinal numbers.				
	Use place value understanding to compare.				
	Find mentally 10 more or 10 less than.				
Computation and Algebraic Thinking	Demonstrate fluency with addition and subtraction facts.	1.CA.1, 1.CA.2, 1.CA.3, 1.CA.4, 1.CA.5, 1.CA.6, 1.CA.7	51, 53, 56, 58, 65, 68, 71, 72, 74, 76, 77, 79, 85, 90, 91, 93, 95, 96, 98, 100	Number Facts Addition Maps 6–16 Number Facts Subtraction Maps 6–16	Driving Tests Operations; Patterns & Fractions
	Solve addition and subtraction problems.				
	Understand the meaning of the equal sign.				
	Create and extend patterns with numbers.				
Geometry	Identify objects as two-dimensional or three-dimensional.	1.G.1, 1.G.2, 1.G.3, 1.G.4	52, 57, 61, 62, 66, 69, 78, 94, 99		Driving Tests Geometry; Patterns & Fractions
	Create a composite shape, and compose new shapes.				
	Partition circles and rectangles into two and four equal parts.				
Measurement	Use direct comparison and order objects according to length, area, capacity, weight, and temperature.	1.M.1, 1.M.2, 1.M.3	54, 55, 59, 64, 70, 73, 83, 84, 87, 89, 92		Driving Tests Measurement; Data, Chance & Money
	Tell and write time to the nearest half-hour.				
	Find the value of a collection of pennies, nickels, and dimes.				
Data Analysis	Organize and interpret data.	1.DA.1	80, 82, 97		Driving Tests Data, Chance & Money

Mathseeds Lessons and Indiana Academic Standards

Grade 2

Strand	Focus	Codes	Mathseeds Lesson #	Fluency	Assessment
Number Sense	Count by ones, twos, fives, tens, and hundreds.	2.NS.1, 2.NS.2, 2.NS.3, 2.NS.4, 2.NS.5, 2.NS.6, 2.NS.7	101, 105, 106, 108, 115, 117, 122, 129, 130, 136		Driving Tests Number
	Read and write whole numbers up to 1,000.				
	Plot and compare whole numbers up to 1,000 on a number line.				
	Determine odd or even numbers.				
	Use place value understanding.				
Computation and Algebraic Thinking	Add and subtract fluently within 1000.	2.CA.1, 2.CA.2, 2.CA.3, 2.CA.4, 2.CA.5, 2.CA.6, 2.CA.7	103, 110, 111, 113, 118, 120, 124, 128, 131, 132, 133, 134, 138, 139, 140	Number Facts Addition and Subtraction Maps 6–6 Number Facts Multiplication Maps 1–5	Driving Tests Operations; Patterns & Fractions
	Solve real-world problems involving addition and subtraction.				
	Find the total number of objects arranged in rectangular arrays.				
	Create, extend, and give an appropriate rule for number patterns using addition and subtraction within 1000.				
Geometry	Identify, describe, and classify two- and three-dimensional shapes.	2.G.1, 2.G.2, 2.G.3, 2.G.4, 2.G.5	102, 112, 119, 121		Driving Tests Operations; Geometry
	Investigate and predict the result of composing and decomposing two- and three-dimensional shapes.				
	Partition a rectangle into rows and columns of same-size (unit) squares and count to find the total.				
	Partition circles and rectangles into two, three, or four equal parts.				
Measurement	Estimate and measure the length of an object.	2.M.1, 2.M.2, 2.M.3, 2.M.4, 2.M.5, 2.M.6, 2.M.7	104, 109, 114, 116, 123, 125, 126, 127, 13		Driving Tests Measurement; Data, Chance & Money
	Estimate and measure volume.				
	Tell and write time to the nearest five minutes.				
	Find the value of a collection of pennies, nickels, dimes, quarters and dollars.				
Data Analysis	Solve simple problems using information presented in the graphs.	2.DA.1	107, 137		Driving Tests Data, Chance & Money