



Mathseeds Lessons and Minnesota Academic Standards



Kindergarten

Strand	Focus	Codes	Mathseeds Lesson #	Fluency	Assessment
Number & Operation	Understand the relationship between quantities and whole numbers up to 31.	K.1.1.1, K.1.1.2, K.1.1.3, K.1.1.4, K.1.1.5	1, 2, 3, 5, 7, 8, 10, 11, 12, 14, 16, 17, 18, 19, 20, 21, 22, 24, 25, 28, 30, 31, 32, 33, 34, 36, 40, 41, 43, 45, 46, 47, 48, 49, 50	Number Facts Addition Maps 1–6 Number Facts Subtraction Maps 1–6	Driving Tests Number; Operations
	Use objects and pictures to represent situations involving combining and separating.	K.1.2.1, K.1.2.2			
Algebra	Recognize, create, complete, and extend patterns.	K.2.1.1	8, 27, 37		Driving Tests Patterns
Geometry & Measurement	Recognize and sort basic two- and three-dimensional shapes; use them to model real-world objects.	K.3.1.1, K.3.1.2, K.3.1.3	4, 6, 9, 15, 23, 35, 44		Driving Tests Geometry
	Compare and order objects according to location and measurable attributes.	K.3.2.1, K.3.2.2	13, 26, 29, 38, 39, 42		Driving Tests Measurement

Grade 1

Strand	Focus	Codes	Mathseeds Lesson #	Fluency	Assessment
Number & Operation	Count, compare and represent whole numbers up to 120, with an emphasis on groups of tens and ones.	1.1.1.1, 1.1.1.2, 1.1.1.3, 1.1.1.4, 1.1.1.5, 1.1.1.6, 1.1.1.7	50, 60, 61, 63, 66, 67, 75, 77, 79, 80, 81, 86, 90, 97		Driving Tests Number; Operations
	Use a variety of models and strategies to solve addition and subtraction problems in real-world and mathematical contexts.	1.1.2.1, 1.1.2.2, 1.1.2.3	51, 53, 56, 58, 65, 68, 71, 72, 74, 88, 91, 93, 95, 96, 98, 100	Number Facts Addition Maps 6–16 Number Facts Subtraction Maps 6–16	
Algebra	Recognize and create patterns; use rules to describe patterns.	1.2.1.1	77, 79, 90		Driving Tests Number; Operations; Patterns & Fractions; Data, Chance & Money
	Use number sentences involving addition and subtraction basic facts to represent and solve real-world and mathematical problems; create real-world situations corresponding to number sentences.	1.2.2.1, 1.2.2.2, 1.2.2.3, 1.2.2.4	51, 53, 56, 58, 65, 68, 71, 72, 74, 76, 88, 91, 93, 95, 96, 98, 100	Number Facts Addition Maps 6–16 Number Facts Subtraction Maps 6–16	
Geometry & Measurement	Describe characteristics of basic shapes. Use basic shapes to compose and decompose other objects in various contexts.	1.3.1.1, 1.3.1.2	52, 57, 62, 69, 78, 94, 99		Driving Tests Geometry
	Use basic concepts of measurement in real-world and mathematical situations involving length, time and money.	1.3.2.1, 1.3.2.2, 1.3.2.3	54, 55, 59, 64, 70, 73, 82, 84, 87, 89		Driving Tests Measurement

Grade 2

Strand	Focus	Codes	Mathseeds Lesson #	Fluency	Assessment
Number & Operation	Compare and represent whole numbers up to 1000 with an emphasis on place value and equality.	2.1.1.1, 2.1.1.2, 2.1.1.3, 2.1.1.4, 2.1.1.5	101, 105, 106, 108, 122, 129, 132, 137, 138		Driving Tests Number; Operations; Patterns & Fractions; Data, Chance & Money
	Demonstrate mastery of addition and subtraction basic facts; add and subtract one- and two-digit numbers in real-world and mathematical problems.	2.1.2.1, 2.1.2.2, 2.1.2.3, 2.1.2.4, 2.1.2.5	103, 110, 111, 113, 115, 118, 120, 124, 128, 130, 131, 134, 136, 139, 140	Number Facts Addition and Subtraction Maps 6–16	
Algebra	Recognize, create, describe, and use patterns and rules to solve real-world and mathematical problems.	2.2.1.1	108, 117, 122, 133, 137, 139, 140		Driving Tests Number; Operations; Patterns & Fractions; Data, Chance & Money
	Use number sentences involving addition, subtraction and unknowns to represent and solve real-world and mathematical problems; create real-world situations corresponding to number sentences.	2.2.2.1, 2.2.2.2,			
Geometry & Measurement	Identify, describe and compare basic shapes according to their geometric attributes.	2.3.1.1, 2.3.1.2	102, 112, 119, 121		Driving Tests Geometry
	Understand length as a measurable attribute; use tools to measure length.	2.3.2.1, 2.3.2.2	104, 107, 112, 116, 126, 135		Driving Tests Measurement
	Use time and money in real-world and mathematical situations.	2.3.3.1, 2.3.3.2	109, 114, 123, 125, 127		Driving Tests Measurement; Data, Chance & Money