Mathseeds Lessons and Mathematics Standards of Learning for Virginia

Kindergarten

Strand	Focus	Codes	Mathseeds Lesson #	Fluency	Assessment
Number and Number Sense	Count, compare, read and write numbers. Solve part-whole relationships to 5.	K.1, K.2, K.4, K.5	1, 2, 3, 5, 7, 10, 11, 12, 14, 16, 17, 18, 19, 20, 21, 22, 25, 28, 31, 33, 41, 43, 45, 46, 47, 48, 50		Driving Tests Number
Computation and Estimation	Model and solve single-step story and picture problems for addition and subtraction to 10.	K.6	24, 30, 32, 34, 36, 40, 49	Number Facts Addition Maps 1–6 Number Facts Subtraction Maps 1–6	Driving Tests Operations
Measurement and Geometry	Money and time. Compare two objects or events. Identify and compare plane shapes. Describe the location of one object in relative to another.	K.7, K.8, K.9, K.10	4, 6, 9, 13, 15, 23, 26, 29, 38, 39, 42		Driving Tests Measurement and Geometry
Probability and Statistics	Read and interpret data in graphs and tables.	K.11			Driving Tests Data
Patterns, Functions, and Algebra	Sort and classify objects. Describe, create and extend patterns.	K.12, K.13	8, 27, 37		Driving Tests Patterns

Grade 1

Strand	Focus	Codes	Mathseeds Lesson #	Fluency	Assessment
Number and Number Sense	Count, write, order and compare numbers to 110. Group a collection into tens and once. Arrange ordinal numbers to 10. Represent and name fractions for halves and fourths. Estimate reasonable calculations.	1.1, 1.2, 1.3, 1.4, 1.5	51, 60, 61, 63, 66, 67, 71, 74, 75, 81, 86		Driving Tests Number; Patterns & Fractions
Computation and Estimation	Create and solve single-step problems for addition and subtraction within 20.	1.6, 1.7	53, 56, 58, 65, 68, 72, 85, 88, 91, 93, 95, 96, 98, 100	Number Facts Addition Maps 6–16 Number Facts Subtraction Maps 6–16	Driving Tests Operations
Measurement and Geometry	Money, time to the half-hour and calendars. Measure and compare length, weight, and volume. Identify, trace, describe and sort plane figures.	1.8, 1.9, 1.10, 1.11	52, 54, 55, 64, 69, 70, 73, 83, 84, 87, 89, 92		Driving Tests Measurement; Geometry; Data, Chance & Money
Probability and Statistics	Read and interpret data in graphs and tables.	1.12	80, 82, 97		Driving Tests Data, Chance & Money
Patterns, Functions, and Algebra	Identify, sort, classify, describe and extend patterns.	1.13, 1.14, 1.15	51, 76, 77, 79, 90		Driving Tests Patterns & Fractions

Grade 2

Strand	Focus	Codes	Mathseeds Lesson #	Fluency	Assessment
Number and Number Sense	Read, write, identify and compare place value. Count forward and backward by twos, fives, and tens. Count, identify and write ordinal numbers to 20th. Name, write, represent and compare fractions for halves, fourths, eighths, sixths and thirds.	2.1, 2.2, 2.3, 2.4	101, 105, 106, 108, 111, 113, 115, 117, 122, 129, 130, 132, 136, 138, 142	Number Facts Addition and Subtraction Maps 6–16 Number Facts Multiplication Maps 1–5	Driving Tests Number; Patterns & Fractions
Computation and Estimation	Estimate, create and solve sums and differences with single-step and two-step problems.	2.5, 2.6	103, 110, 118, 120, 124, 128, 131, 134, 139, 140, 144, 146, 148, 150		Driving Tests Operations
Measurement and Geometry	Count, compare and use money. Estimate and measure length, weight and temperature. Read time to the nearest five minutes and time on a calendar. Identify lines of symmetry. Identify and compare plane and solid figures.	2.7, 2.8, 2.9, 2.10, 2.11, 2.12, 2.13	102, 104, 109, 112, 114, 116, 119, 121, 123, 125, 126, 127, 135, 141, 143, 145, 147, 149		Driving Tests Measurement; Geometry; Data, Chance & Money
Probability and Statistics	Use data from probability. Read and interpret data.	2.14, 2.15	107, 137		Driving Tests Data, Chance & Money
Patterns, Functions, and Algebra	Identify, describe, create, extend and transfer patterns.	2.16, 2.17	133		Driving Tests Patterns & Fractions