Mathseeds Lessons and the National Curriculum

Reception

Domains	Statutory requirements	Mathseeds Lesson #	Fluency	Assessment
Numbers	Count reliably with numbers from 1 to 20.	1, 2, 3, 5, 7, 11, 12, 14, 16, 17, 18, 19, 20, 21, 25, 28, 31, 33, 41, 43, 45, 46, 47, 48, 49, 50		Driving Tests Number; Data
	Add and subtract two single-digit numbers.	24, 30, 32, 34, 36, 40	Number Facts Addition and Subtraction Maps 1 – 6	Driving Tests Operations
Space & Measures	Talk about size, weight, capacity, position, distance, time and money.	13, 22, 26, 29, 38, 39, 42		Driving Tests Measurement
Patterns	Recognise, create and describe patterns.	8, 27, 37		Driving Tests Patterns
Shape	Explore 12 characteristics of everyday objects and shapes.	4, 6, 9, 15, 23, 35, 44		Driving Tests Geometry

Year 1

Domains	Statutory requirements	Mathseeds Lesson #	Fluency	Assessment
Number and place value	Count to 100, forwards and backwards, and in multiples of twos, fives and tens.	60, 63, 67, 75, 79, 80, 81, 86, 88, 90, 97		Driving Tests Number; Data
	Identify and represent numbers using objects and pictorial representations, numerals and words.			
Addition and subtraction	Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs.	51, 53, 56, 58, 65, 68, 72, 76, 85, 91, 93, 95, 96, 98, 100	Number Facts Addition and Subtraction Maps 6 – 16	Driving Tests Patterns & Fractions
	Represent and use number bonds and related subtraction facts within 20.			
	Add and subtract one-digit and two-digit numbers to 20, including zero.			
Multiplication and division	Solve problems involving multiplication and division, using concrete objects, pictorial representations and arrays.	71, 74, 77		Driving Tests Operations
Fractions	Recognise a half as one of two equal parts and a quarter as one of four equal parts of an object, shape or quantity.	61, 66		Driving Tests Patterns & Fractions
Measurement	Compare and measure lengths, heights, mass/weight, capacity and volume, and time.	55, 59, 73, 84, 89		Driving Tests Measurement
	Recognise the value of different denominations of coins and notes.	64, 83, 92		
	Tell the time to the hour and half past the hour and draw the hands on a clock.	54, 70, 87		
Properties of shapes	Recognise and name common 2-D and 3-D shapes.	52, 62, 69, 99		Driving Tests Geometry
Position and direction	Describe position, direction and movement, including turns.	57, 78, 94		Driving Tests Geometry

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Year 2

Domains	Statutory requirements	Mathseeds Lesson #	Fluency	Assessment
Number and place value	Count in steps of 2, 3, and 5, and in tens, forward and backward.	101, 105, 106, 108, 117, 122, 129, 133, 140		Driving Tests Number
	Recognise the place value of each digit in a two-digit number (tens, ones).			
	Represent and estimate numbers using different representations.			
	Compare and order numbers from 0 up to 100; use <, > and = signs.			
	Use place value and number facts to solve problems.			
Addition and subtraction	Solve problems with addition and subtraction.	103, 110, 118, 120, 124, 128, 131, 134, 139, 142, 144, 146, 148, 150	Number Facts Addition and Subtraction Maps 6 – 16	Driving Tests Operations
	Recall and use addition and subtraction facts to 20 and use related facts up to 100.			
	Add and subtract up to two two-digit numbers, and add three one-digit numbers.			
	Recognise and use the inverse relationship between addition and subtraction.			
Multiplication and division	Solve problems with addition and subtraction.	111, 113, 115, 130, 136	Number Facts Multiplication Maps 1 – 5	Driving Tests Operations
	Recall and use addition and subtraction facts to 20 and use related facts up to 100.			
	Add and subtract up to two two-digit numbers, and add three one-digit numbers.			
Fractions	Find 1/3, 1/4, 2/4 and 3/4 of a length, shape, set of objects or quantity.	132, 138		Driving Tests Patterns & Fractions
	Write simple fractions eg 1/2 of 6 = 3; recognise the equivalence 2/4 = 1/2.			
Measurement	Use appropriate standard units and tools to estimate, compare and measure length (m/cm); mass (kg/g); capacity (L/ml) .	104, 112, 116, 126, 135, 141, 149		Driving Tests Measurement
	Use symbols for pounds(£) and pence(p).	125, 147		
	Find different combinations of coins that equal the same amount of money.			
	Compare and sequence intervals of time.	109, 114, 123, 127		
	Tell and write the time to five minutes, including quarter past/to the hour.			
Properties of shapes	Identify and describe the properties of 2-D and 3-D shapes.	119, 121, 145		Driving Tests Geometry
Position and direction	Describe position, direction and movement, including clockwise/anticlockwise turns.	102		Driving Tests Geometry
Statistics	Interpret and construct simple pictograms, tally charts, block diagrams and tables.	107, 137, 143		Driving Tests Data