

EYFS Maths Medium Term Plan

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
EYFS Autumn	Measure – height/length		Comparing and describing objects	Patterns	Number – 0,1,2,3 Maths problems and reasoning								
					Shapes related to number of the week								
EYFS Spring	Number – number bonds to 3 Problem solving and reasoning to 3	Number – 4		Measure – weight		Number – 5		Number – number bonds to 5 Problem solving and reasoning to 5		Number – 6			
		Shapes related to number of the week				Shapes related to number of the week				Shapes related to number of the week			
EYFS Summer	Number – 7		Number – 8		Measure – capacity	Number – number bonds to 8 Problem solving and reasoning to 8	Number – 9		Number – 10		Number – number bonds to 10 Problem solving and reasoning to 10		
	Shapes related to number of the week		Shapes related to number of the week				Shapes related to number of the week		Shapes related to number of the week				

Year 1 Maths Medium Term Plan (RTP Guidance Year 1)

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number – Place Value (within 10) Sort and count objects Identify and represent numbers using objects and pictorial representations Read and write numbers from 1 to 10 in numerals and words Count on and identify one more Count backwards and identify one less Compare groups and use language: equal to, more than, less than (fewer), most, least Represent numbers on a number line					Number – Addition and Subtraction (within 10) 1AS-1 Compose numbers to 10 from 2 parts and partition numbers to 10 into parts including recognising odd and even numbers 1 AS-2 Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs and relate to real life contexts 1NF-1 Develop fluency in addition and subtraction facts within 10 Part-whole model Number sentences Addition and subtraction problems Fact families within 10 Using a number line					Geometry Shape 1G-1 Recognise common 2D and 3D shapes presented in different orientations, and know that rectangles, triangles, cuboids and pyramids are not always similar to one another 1G-2 Compose 2-D and 3-D shapes from smaller shapes to match an example, including manipulating shapes to place them in particular orientations.	
Spring	Number – Place Value (within 20) Sort and count objects Identify and represent numbers using objects and pictorial representations Read and write numbers from 1 to 20 in numerals and words. Count on and identify one more Count backwards and identify one less 1NPV-2 Reason about the location of numbers to 20 within the linear number system including comparing using < > and =			Number – Addition and Subtraction (within 20) Represent and use number bonds and related subtraction facts within 20 Add and subtract one-digit and two-digit numbers to 20, including zero Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = ? - 9$.			Number – Place Value (within 50) Read and write numbers from 1 to 50 in numerals and words. Count in multiples of twos, fives and tens Represent numbers on a number line		Measurement Length and Height Compare, describe and solve practical problems for lengths and heights [for example, long/short, longer/shorter, tall/short, double/half] Measure and begin to record		Measurement - Weight and Volume Compare, describe and solve practical problems for: mass/weight [for example, heavy/light, heavier than, lighter than] capacity and volume [for example, full/empty, more than, less than, half, half full, quarter] Measure and begin to record	
Summer	Number Multiplication and Division 1NF-2 Count forwards and backwards in multiples of 2, 5 and 10, up to 10 multiples, beginning with any multiple and count forwards and backwards through the odd numbers Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher			Number – Fractions Recognise, find and name a half as one of two equal parts of an object, shape or quantity Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.		Geometry Position and Direction Describe position, direction and movement, including whole, half, quarter and three-quarter turns.		Number – Place Value (within 100) 1 NPV-1 Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number Count, read and write numbers to 100 in numerals		Measurement Money Recognise and know the value of different denominations of coins and notes	Measurement - Time compare, describe and solve practical problems for time [for example, quicker, slower, earlier, later] Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening] Recognise and use language relating to dates, including days of the week, weeks, months and years tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.	

Year 2 Maths Medium Term Plan (RTP Guidance Year 2)

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number – Place Value (numbers to 20 then 100) 2NPV-1 Recognise the place value of each digit in a two-digit number and compose and decompose two-digit numbers using standard and non-standard partitioning. 2NPV-2 Reason about the location of any two-digit number in the linear number system, identifying the previous and next multiple of 10 Identify, represent and estimate numbers using different representations, including the number line Compare and order numbers from 0 up to 100; use <, > and = signs Read and write numbers to at least 100 in numerals and in words Use place value and number facts to solve problems Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward				Number – Addition and Subtraction 2NF-1 Secure fluency in addition and subtraction facts within 10 through continued practice. 2AS-1 Add and subtract across 10 e.g. 8 + 5 = 13 13 – 5 = 8 2AS-2 Recognise the subtraction structure of ‘difference’ and answer questions of the form ‘How many more . . . ?’ 2AS – 3 / 4 Add and subtract within 100 Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: - a two-digit number and ones - a two-digit number and tens - two two-digit numbers - adding three one-digit numbers Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. Solve problems with addition and subtraction: - using concrete objects and pictorial representations, including those involving numbers, quantities and measures - by applying their increasing knowledge of mental and written methods					Geometry Properties of Shapes 2G-1 Use precise language to describe the properties of 2-D and 3-D shapes and compare shapes by reasoning about similarities and differences in properties Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces Identify 2-D shapes on the surface of 3-D shapes Compare and sort common 2-D and 3-D shapes and everyday objects.		
Spring	Measurement – Money Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value Find different combinations of coins that equal the same amounts of money Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change		Number – Multiplication and Division 2MD-1 Recognise repeated addition contexts, representing them with multiplication equations and calculating the product within the 2, 5 and 10 x tables 2MD-2 Relate grouping problems where the number of groups is unknown to multiplication equations with a missing factor and to division equations. Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot Solve problems involving multiplication and division				Measurement Length and Height Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm) using rulers Compare and order lengths		Measurement – Mass, Capacity, Temperature Choose and use appropriate standard units to estimate and measure mass (kg/g); temperature (°C); capacity (litres/ml) using scales, thermometers and measuring vessels Compare and order mass, volume/capacity and record the results using >, < and =			
Summer	Statistics Interpret and construct simple pictograms, tally charts, block diagrams and simple tables ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity ask and answer questions about totalling and comparing categorical data.		Number – Fractions Recognise, find, name and write fractions 1/3, 1/4 2/4 and 3/4 of a length, shape, set of objects or quantity Write simple fractions for example 1/2 of 6 = 3 Recognise the equivalence of 2/4 and 1/2			Geometry Position and Direction Order and arrange combinations of mathematical objects in patterns and sequences Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).		Measurement Time Compare and sequence intervals of time Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times Know the number of minutes in an hour and the number of hours in a day.		Consolidation and Problem Solving		