Yearly Overview Year 2

	1	2	3	4	5	6	7	8	9	10	11
Autumn	Number: Place Value (Within 100) counting in 2s, 5s and 10s, use <, > and = signs, count in steps of 2, 3 and 5 from 0, find 10 more and 10 less, place value of 2 digit numbers, odd and even.		Calculations: Addition and Subtraction bonds to 10, doubles and halves recognize +- =, 10 more 10 less				Measurement: Money Bonds to 10 and within 20, doubles and halves, recognize +- =, place value – value of numbers 100p = £1			Calculations: Multiplication & Division counting in 2s, 5s and 10s, doubles and halves, numbers bonds to 20, know 2,s 5s and 10s (multiplication & division facts).	

	1	2	3	4	5	6	7	8	9	10	11
Spring	Calculations: Multiplication & Division counting in 2s, 5s and 10s, doubles and halves, numbers bonds to 20, know 2,s 5s and 10s.		Statistics number bonds to 20, count in 2s, 5s and 10s.		Fractions doubles and halves, numbers bonds to 20, know 2,s 5s and 10s and division facts, recognize ½ ¼ ¾ 1/3 , know 2/4 = ½, 1.2 ¼ ¾ turns			Measurement: Time 7 days = 1 week 12 months = 1 year 60 minutes = 1 hour 24 hours = 1 day		Consolidation	

	1	2	3	4	5	6	7	8	9
Summer	Revision				SATs	Problem Solving & Consolidation			

	1	2	3	4	5	6	7	8	9	10	11
Autumn	Number: Place Value (Within 100) ● Read and write numbers to at least 100 in numerals and in words. ● Identify, represent and estimate numbers using different representations, including the number line. ● Recognise the place value of each digit in a two-digit number (tens, ones). ● Compare and order numbers from 0 up to 100; use and = signs. ● Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.		Calculations: Addition and Subtraction ● Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100. ● Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot. ● Solve problems with addition and subtraction: - using concrete objects and pictorial representations, including those involving numbers, quantities and measures - applying their increasing knowledge of mental and written methods. ● 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. ● Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.				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.		Calculations: Multiplication & Division ● Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs. ● Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. ● Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.	Consolidation	
Mrs Higgins	Measurement: Length & Height ● Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels. ● Compare and order lengths, mass, volume/capacity and record the results using >, < and =. ● Solve problems with addition and subtraction: - using concrete objects and pictorial representations, including those involving numbers, quantities and measures - applying their increasing knowledge of mental and written methods.						Geometry: Properties of Shape ● Compare and sort common 2D and 3D shapes and everyday objects. ● Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line. ● Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces. ● Order and arrange combinations of mathematical objects in patterns and sequences. ● Identify 2D shapes on the surface of 3D shapes, (for example, a circle on a cylinder and a triangle on a pyramid).				

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Spring	Calculations: Multiplication & Division ● Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs. ● Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. ● Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.		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		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 and recognise the equivalence of 2 4 and 1 2 .			Measurement: 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. ● Compare and sequence intervals of time.		Consolidation	
Mrs Higgins	Geometry: Properties of Shape ● Compare and sort common 2D and 3D shapes and everyday objects. ● Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line. ● Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces. ● Order and arrange combinations of mathematical objects in patterns and sequences. ● Identify 2D shapes on the surface of 3D shapes, (for example, a circle on a cylinder and a triangle on a pyramid).							Geometry Position & Direction ● 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 anticlockwise). ● Order and arrange combinations of mathematical objects in patterns and sequences.			

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Summer	Revision				SATs	**Problem Solving & Consolidation** ● Use place value and number facts to solve problems. 2 Number – addition and subtraction ● 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 - applying their increasing knowledge of mental and written methods. ● 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, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.			
Mrs Higgins	Measurement: Weight, volume & temperature ● Compare and order lengths, mass, volume/capacity and record the results using >, < and =. ● Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.								