SHOBNALL PRIMARY & NURSERY SCHOOL

MATHEMATICS PROGRAMME OF STUDY

YEAR 2 LONG TERM OVERVIEW

YEAR TWO MATHEMATICS LONG TERM OVERVIEW

KEY: NUMBER, GEOMETRY, STATISTICS and MEASUREMENT

AUTUMN TERM, SPRING TERM and SUMMER TERM

Week	Unit	Lesson titles	Domain	National Curriculum Pupils should be taught to:
1	***Unit 1- Numbers to 100***	Lesson 1 – Numbers to 20	Number – Number and place value	• *Count to and across 100, forward and backward, beginning with 0 or 1 or from any given number (YEAR 1)*
		Lesson 2 – Count in 10s	Number – Number and place value	• Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.
		Lesson 3 – Count in 10s and 1s	Number – Number and place value	• Recognise the place value of each digit in a two-digit number (tens, ones).
		Lesson 4 – Recognise 10 and 1s	Number – Number and place value	• Recognise the place value of each digit in a two-digit number (tens, ones).
		Lesson 5 – Build a number from 10s and 1s	Number – Number and place value	• Recognise the place value of each digit in a two-digit number (tens, ones).
2		Lesson 6 – Use a place value grid	Number – Number and place value	• Recognise the place value of each digit in a two-digit number (tens, ones).
		Lesson 7 – Partition numbers to 100	Number – Number and place value	• Recognise the place value of each digit in a two-digit number (tens, ones).
		Lesson 8 – Partition numbers flexibly with in100	Number – Number and place value	• Recognise the place value of each digit in a two-digit number (tens, ones).
		Lesson 9 – Write numbers to 100 in expanded form	Number – Number and place value	• Recognise the place value of each digit in a two-digit number (tens, ones).
		Lesson 10 – 10s on a number line to 100	Number – Number and place value	• Identify, represent and estimate numbers using different representations, including the number line.
3		Lesson 11 – 10s and 1s on a number line to 100	Number – Number and place value	• Recognise the place value of each digit in a two-digit number (tens, ones).
		Lesson 12 – Estimate numbers on a number line	Number – Number and place value	• Identify, represent and estimate numbers using different representations, including the number line.
		Lesson 13 – Compare numbers (1)	Number – Number and place value	• Compare and order numbers from 0 up to 100; use <, > and = sign
		Lesson 14 – Compare numbers(2)	Number – Number and place value	• Compare and order numbers from 0 up to 100; use <, > and = sign

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		Lesson 15 – Order numbers	Number – Number and place value	• Compare and order numbers from 0 up to 100; use <, > and = sign
4		Lesson 16 – Count in 2s, 5s, and 10s	Number – Number and place value	• Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.
		Lesson 17 – Count in 3s	Number – Number and place value	• Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.
	End of Unit Check			
	Consolidation			
	Unit 2 – Addition and Subtraction (1)	Lesson 1 – Fact families	Number – Addition and subtraction	• Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
5		Lesson 2 – Learn number bonds	Number – Addition and subtraction	• Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
		Lesson 3 – Add and subtract two multiples of 10	Number – Addition and subtraction	• Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
		Lesson 4 – Complements to 100 (tens)	Number – Addition and subtraction	• Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
		Lesson 5 – Add and subtract 1s	Number – Addition and subtraction	• 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.
		Lesson 6 – Add by making 10	Number – Addition and subtraction	• 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.
6		Lesson 7 – Add using a number line	Number – Addition and subtraction Number – Number and place value	• 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.
		Lesson 8 – Add three 1 -digit numbers	Number – Addition and subtraction	• 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.

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		Lesson 9 – Add to the next 10	Number – Addition and subtraction	• 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.Add and subtract numbers
		Lesson 10 – Add across a 10	Number – Addition and subtraction	• 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.
		Lesson 11 – Subtract across a 10	Number – Addition and subtraction	• 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.
7		Lesson 12 – Subtract from a 10	Number – Addition and subtraction	• 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.
		Lesson 13 – Subtract a 1-digit number from a 2-digit number – across 10	Number – Addition and subtraction	• 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.
	End of Unit Check			
	Consolidation			
	Unit 3 – Addition and subtraction (2)	Lesson 1 – 10 more, 10 less	Number – Addition and subtraction	• Count in steps of 2, 3 and 5 from0,and in tens from any number, forward and backward.
8		Lesson 2 – Add and subtract 10s	Number – Addition and subtraction	• 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.
		Lesson 3 – Add two 2-digit numbers – add 10s and add 1s	Number – Addition and subtraction	• 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.
		Lesson 4 – Add two 2-digit numbers – add more 10s and then more 1s	Number – Addition and subtraction	• 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.
		Lesson 5 – Subtract a 2-digit number from a 2-digit number – not across 10	Number – Addition and subtraction	• 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.

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		Lesson 6 – Subtract a 2-digit number from a 2-digit number – across 10	Number – Addition and subtraction	• 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.
9		Lesson 7 – How many more? How many fewer?	Number – Addition and subtraction	• 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.
		Lesson 8 – Subtraction – fine the difference	Number – Addition and subtraction	• 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.
		Lesson 9 – Compare number sentences	Number – Addition and subtraction	• 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.
		Lesson 10 – Missing number sentences	Number – Addition and subtraction	• 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.
		Lesson 11 – Mixed addition and subtraction	Number – Addition and subtraction	• 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.
10		Lesson 12 – Two-step problems	Number – Addition and subtraction	• 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.
	End of Unit Check			
	Unit 4 – Properties of shapes	Lesson 1 – Recognising 2D and 3D shapes	Geometry- Properties of shapes	• Compare and sort common 2D and 3D shapes and everyday objects.
		Lesson 2 – Count sides on 2D shapes	Geometry- Properties of shapes	• Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line.
		Lesson 3 – Count vertices on 2D shapes	Geometry- Properties of shapes	• Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line.

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11		Lesson 4 – Draw 2D Shapes	Geometry- Properties of shapes	• Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line.
		Lesson 5 – Lines of symmetry on shapes	Geometry- Properties of shapes	• Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line.
		Lesson 6 – Sort 2D shapes	Geometry- Properties of shapes	• Compare and sort common 2D and 3D shapes and everyday objects.
		Lesson 7 – Make patterns with 2D shapes	Geometry- Properties of shapes	• Order and arrange combinations of mathematical objects in patterns and sequences.
		Lesson 8 – Count faces on 3D shapes	Geometry- Properties of shapes	• Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces.
12		Lesson 9 – Count edges on 3D shapes	Geometry- Properties of shapes	• Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces.
		Lesson 10 – Count vertices on 3D shapes	Geometry- Properties of shapes	• Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces.
		Lesson 11 – Sort 3D shapes	Geometry- Properties of shapes	• Compare and sort common 2D and 3D shapes and everyday objects.
		Lesson 12 – Make patterns with 3D shapes	Geometry- Properties of shapes	• Order and arrange combinations of mathematical objects in patterns and sequences.
	End of Unit Check			
1	***Unit 5 – Money***	Lesson 1 – Count money – pence	Measurement	• Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
		Lesson 2 – Count money – pounds (notes and coins)	Measurement	• Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.

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		Lesson 3 – Count money – pounds and pence	Measurement	• Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
		Lesson 4 – Choose notes and coins	Measurement	• Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
		Lesson 5 – Make the same amount	Measurement	• Find different combinations of coins that equal the same amounts of money.
		Lesson 6 – Compare amounts of money	Measurement	• Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.
		Lesson 7 – Calculate with money	Measurement	• Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.
		Lesson 8 – Make £1	Measurement	• Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
		Lesson 9 – Find change	Measurement	• Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.
		Lesson 10 – Two-step problems	Measurement	• Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.
2	**End of Unit Check**			
	Consolidation			
	Unit 6 – Multiplication and division (1)	Lesson 1 – Recognise equal groups	Number – Multiplication and division	• Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
		Lesson 2 – Make equal groups	Number – Multiplication and division	• Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
		Lesson 3 – Add equal groups	Number – Multiplication and division	• Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
3		Lesson 4 – The x symbol	Number – Multiplication and division	• Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication, division and equals signs.

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		Lesson 5 – Multiplication sentences	Number – Multiplication and division	• Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
		Lesson 6 – Use arrays	Number – Multiplication and division	• Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
		Lesson 7 – Make equal groups – grouping	Number – Multiplication and division	• Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
		Lesson 8 – Make equal groups – sharing	Number – Multiplication and division	• Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
4	**End of Unit Check**			
	Consolidation			
	Unit 7 – Multiplication and division (2)	Lesson 1 – 2 times-table	Number – Multiplication and division	• Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
		Lesson 2 – Divide by 2	Number – Multiplication and division	• Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
		Lesson 3 – Doubling and halving	Number – Multiplication and division	• Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
5		Lesson 4 – Odd and even numbers	Number – Multiplication and division	• Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
		Lesson 5 – 10 times - table	Number – Multiplication and division	• Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
		Lesson 6 – Divide by 10	Number – Multiplication and division	• Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.

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		Lesson 7 – 5 times - table	Number – Multiplication and division	• Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
		Lesson 8 – Divide by 5	Number – Multiplication and division	• Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
6		Lesson 9 – Bar modelling - grouping	Number – Multiplication and division	• Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
		Lesson 10 – Bar modelling - sharing	Number – Multiplication and division	• Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
	End of Unit Check			
	Consolidation			
	Unit 8 – Length and height	Lesson 1 – Measure in cm	Measurement	• 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.
7		Lesson 2 – Measure in m	Measurement	• 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.
		Lesson 3 – Compare lengths and heights	Measurement	• Compare and order lengths, mass, volume/capacity and record the results using >, < and =.
		Lesson 4 – Order lengths and heights	Measurement	• Compare and order lengths, mass, volume/capacity and record the results using >, < and =.
		Lesson 5 – Four operations with lengths and heights	Measurement	• 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.
	End of Unit Check			
8	**Consolidation**			
		Lesson 1 – Compare mass	Measurement	• Compare and order lengths, mass, volume/capacity and record the results using >, < and =.

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	Unit 9 – Mass, capacity, and temperature	Lesson 2 – Measure in grams	Measurement	• 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.
		Lesson 3 – Measure in kilograms	Measurement	• 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.
		Lesson 4 – Compare volume and capacity	Measurement	• Compare and order lengths, mass, volume/capacity and record the results using >, < and =.
9		Lesson 5 – Measure in millilitres	Measurement	• 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.
		Lesson 6 – Measure in litres	Measurement	• 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.
		Lesson 7 – Measure temperature using a thermometer	Measurement	• 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.
		Lesson 8 – Read thermometers	Measurement	• 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.
	End of Unit Check			
10	***Unit 10 – Fractions***	Lesson 1 – Introducing parts and wholes	Number - Fractions	• *Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. (YEAR 1)*
		Lesson 2 – Equal and unequal parts	Number - Fractions	• *Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. (YEAR 1)*
		Lesson 3 – Recognise a half	Number - Fractions	• *Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. (YEAR 1)*

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		Lesson 4- Find a half	Number - Fractions	• *Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. (YEAR 1)*
		Lesson 5 -Recognise a quarter	Number - Fractions	• *Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. (YEAR 1)*
11		Lesson 6 – Find a quarter	Number - Fractions	• *Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. (YEAR 1)*
		Lesson 7 - Thirds	Number - Fractions	• Recognise, find, name and write fractions 1/3, 1/4, 2/4 and 3/4 of a length, shape, and set of objects or quantity.
		Lesson 8 – Find the whole	Number - Fractions	• Recognise, find, name and write fractions 1/3, 1/4, 2/4 and 3/4 of a length, shape, and set of objects or quantity.
		Lesson 9 – Unit and non-unit fractions	Number - Fractions	• Write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2.
		Lesson 10 – Recognise the equivalence of a half and 2 quarters	Number - Fractions	• Write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2.
12		Lesson 11 – Recognise three quarters	Number - Fractions	• Recognise, find, name and write fractions 1/3, 1/4, 2/4 and 3/4 of a length, shape, and set of objects or quantity.
		Lesson 12 – Count in fractions up to a whole	Number - Fractions	• Non-statutory guidance: Pupils should count in fractions up to 10, starting from any number and using the 1/2 and 2/4 equivalence on the number line (for example, 1 1/4 , 1 2/4 (or 1 1/2), 1 3/4 , 2).
	End of Unit Check			
	Consolidation			
	Unit 11 – Time	Lesson 1- O'clock and half past	Measurement	• *Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. (YEAR 1)*
1		Lesson 2 – Quarter past and quarter to	Measurement	• 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.
		Lesson 3- Tell the time to 5 minutes	Measurement	• 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.
		Lesson 4 – Minutes in the hour	Measurement	• Know the number of minutes in an hour and the number of hours in a day.
		Lesson 5 – Hours in a day	Measurement	• Know the number of minutes in an hour and the number of hours in a day.
	End of Unit Check			

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2	**Consolidation**			
	Unit 12 – Problem solving and efficient methods	Lesson 1 – My way, your way!	Problem solving and efficient methods	• Use place value and number facts to solve problems.
		Lesson 2 – Using number facts	Problem solving and efficient methods	• Use place value and number facts to solve problems.
		Lesson 3 – Using a 100 square	Problem solving and efficient methods	• Use place value and number facts to solve problems.
		Lesson 4 – Getting started	Problem solving and efficient methods	• Use place value and number facts to solve problems.
3		Lesson 5 – Missing numbers	Problem solving and efficient methods	• Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.
		Lesson 6 – Mental addition and subtraction (1)	Problem solving and efficient methods	• Use place value and number facts to solve problems.
		Lesson 7 – Mental addition and subtraction (2)	Problem solving and efficient methods	• Use place value and number facts to solve problems.
		Lesson 8 - Efficient subtraction	Problem solving and efficient methods	• Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measure
		Lesson 9 – Solving problems – addition and subtraction	Problem solving and efficient methods	• Use place value and number facts to solve problems.
4		Lesson 10 – Solving problems – multiplication and division	Problem solving and efficient methods	• Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.

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		Lesson 11 – Solving problems – using the four operations	Problem solving and efficient methods	• Use place value and number facts to solve problems.
	End of Unit Check			
	Consolidation			
	Unit 13 – Position and direction	Lesson 1 – Language of position	Geometry – Position and 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).
5		Lesson 2 – Describe the movement	Geometry – Position and 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).
		Lesson 3 – Describe turns	Geometry – Position and 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).
		Lesson 4 – Describe movement and turns	Geometry – Position and 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).
		Lesson 5 – Make patterns by turning shapes	Geometry – Position and 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).
	End of Unit Check			
6	**Consolidation**			
	Unit 13 – Statistics	Lesson 1 – Make tally charts	Statistics	• Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
		Lesson 2 – Tables	Statistics	• Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
		Lesson 3 – Block diagram	Statistics	• Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.

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		Lesson 4 - Draw pictograms (1-1)	Statistics	• Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
7		Lesson 5 – Interpret pictograms (1-1)	Statistics	• Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.
		Lesson 6 – Draw pictograms (2, 5, 10)	Statistics	• Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
		Lesson 7 – Interpret pictograms (2, 5, 10)	Statistics	• Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.
	End of Unit Check			
	Consolidation			
8	***Consolidation of skills in preparation for End of Key Stage Assessment (SAT)***			
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9	**RTP**	2NPV–1	Number- Number and place value	Recognise the place value of each digit in two-digit numbers, and compose and decompose two-digit numbers using standard and non-standard partitioning.
	RTP	2NPV–2	Number- Number and place value	Reason about the location of any two-digit number in the linear number system, including identifying the previous and next multiple of 10.
	RTP	2NF–1	Number- Number and place value	Secure fluency in addition and subtraction facts within 10, through continued practice.
	RTP	2AS–1	Number- Addition and subtraction	Add and subtract across 10.
	RTP	2AS–2	Number- Addition and Subtraction	Recognise the subtraction structure of ‘difference’ and answer questions of the form, “How many more…?”.
10	**RTP**	2AS–3	Number – Addition and subtraction	Add and subtract within 100 by applying related one-digit addition and subtraction facts: add and subtract only ones or only tens to/from a two-digit number.
	RTP	2AS–4	Number – Addition and subtraction	Add and subtract within 100 by applying related one-digit addition and subtraction facts: add and subtract any 2 two-digit numbers.
	RTP	2MD–1	Number – Multiplication and division	Recognise repeated addition contexts, representing them with multiplication equations and calculating the product, within the 2, 5 and 10 multiplication tables.

YEAR TWO MATHEMATICS LONG TERM OVERVIEW

KEY: NUMBER, GEOMETRY, STATISTICS and MEASUREMENT

AUTUMN TERM, SPRING TERM and SUMMER TERM

	RTP	2MD–2	Number – Multiplication and division	Relate grouping problems where the number of groups is unknown to multiplication equations with a missing factor, and to division equations (quotitive division).
	RTP	2G–1	Geometry- Properties of shapes	Use precise language to describe the properties of 2D and 3D shapes, and compare shapes by reasoning about similarities and differences in properties.
11	**Consolidation**			
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12	**Consolidation**			
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