



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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4		Lesson 15 – Order numbers	Number – Number and place value	<ul style="list-style-type: none"> Compare and order numbers from 0 up to 100; use <, > and = sign
		Lesson 16 – Count in 2s, 5s, and 10s	Number – Number and place value	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward.
	End of Unit Check			
5	Unit 2 – Addition and Subtraction (1)	Consolidation		
		Lesson 1 – Fact families	Number – Addition and subtraction	<ul style="list-style-type: none"> Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
		Lesson 2 – Learn number bonds	Number – Addition and subtraction	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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 7 – Add using a number line	Number – Addition and subtraction Number – Number and place value	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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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7		Lesson 9 – Add to the next 10	Number – Addition and subtraction	<ul style="list-style-type: none"> 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 10 – Add across a 10	Number – Addition and subtraction	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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 12 – Subtract from a 10	Number – Addition and subtraction	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward.
		Lesson 2 – Add and subtract 10s	Number – Addition and subtraction	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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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9		Lesson 6 – Subtract a 2-digit number from a 2-digit number – across 10	Number – Addition and subtraction	<ul style="list-style-type: none"> 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 7 – How many more? How many fewer?	Number – Addition and subtraction	<ul style="list-style-type: none"> 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 – find the difference	Number – Addition and subtraction	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Compare and sort common 2D and 3D shapes and everyday objects.
		Lesson 2 – Count sides on 2D shapes	Geometry- Properties of shapes	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none">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	<ul style="list-style-type: none">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	<ul style="list-style-type: none">Compare and sort common 2D and 3D shapes and everyday objects.
		Lesson 7 – Make patterns with 2D shapes	Geometry-Properties of shapes	<ul style="list-style-type: none">Order and arrange combinations of mathematical objects in patterns and sequences.
		Lesson 8 – Count faces on 3D shapes	Geometry-Properties of shapes	<ul style="list-style-type: none">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	<ul style="list-style-type: none">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	<ul style="list-style-type: none">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	<ul style="list-style-type: none">Compare and sort common 2D and 3D shapes and everyday objects.
		Lesson 12 – Make patterns with 3D shapes	Geometry-Properties of shapes	<ul style="list-style-type: none">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	<ul style="list-style-type: none">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	<ul style="list-style-type: none">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	<ul style="list-style-type: none"> Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
		Lesson 4 – Choose notes and coins	Measurement	<ul style="list-style-type: none"> Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
		Lesson 5 – Make the same amount	Measurement	<ul style="list-style-type: none"> Find different combinations of coins that equal the same amounts of money.
		Lesson 6 – Compare amounts of money	Measurement	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
		Lesson 9 – Find change	Measurement	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
		Lesson 4 – Odd and even numbers	Number – Multiplication and division	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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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6		Lesson 7 – 5 times - table	Number – Multiplication and division	<ul style="list-style-type: none">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	<ul style="list-style-type: none">Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
		Lesson 9 – Bar modelling - grouping	Number – Multiplication and division	<ul style="list-style-type: none">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	<ul style="list-style-type: none">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				
7	Unit 8 – Length and height	Lesson 1 – Measure in cm	Measurement	<ul style="list-style-type: none">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 2 – Measure in m	Measurement	<ul style="list-style-type: none">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	<ul style="list-style-type: none">Compare and order lengths, mass, volume/capacity and record the results using >, < and =.
		Lesson 4 – Order lengths and heights	Measurement	<ul style="list-style-type: none">Compare and order lengths, mass, volume/capacity and record the results using >, < and =.
		Lesson 5 – Four operations with lengths and heights	Measurement	<ul style="list-style-type: none">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				
Consolidation				
8		Lesson 1 – Compare mass	Measurement	<ul style="list-style-type: none">Compare and order lengths, mass, volume/capacity and record the results using >, < and =.

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9	Unit 9 – Mass, capacity, and temperature	Lesson 2 – Measure in grams	Measurement	<ul style="list-style-type: none">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	<ul style="list-style-type: none">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	<ul style="list-style-type: none">Compare and order lengths, mass, volume/capacity and record the results using >, < and =.
		Lesson 5 – Measure in millilitres	Measurement	<ul style="list-style-type: none">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	<ul style="list-style-type: none">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	<ul style="list-style-type: none">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	<ul style="list-style-type: none">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	<ul style="list-style-type: none">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	<ul style="list-style-type: none">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	<ul style="list-style-type: none">Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. (YEAR 1)

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11		Lesson 4- Find a half	Number - Fractions	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. (YEAR 1)
		Lesson 6 – Find a quarter	Number - Fractions	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, and set of objects or quantity.
		Lesson 8 – Find the whole	Number - Fractions	<ul style="list-style-type: none"> Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, and set of objects or quantity.
		Lesson 9 – Unit and non-unit fractions	Number - Fractions	<ul style="list-style-type: none"> Write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.
		Lesson 10 – Recognise the equivalence of a half and 2 quarters	Number - Fractions	<ul style="list-style-type: none"> Write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.
12		Lesson 11 – Recognise three quarters	Number - Fractions	<ul style="list-style-type: none"> Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, and set of objects or quantity.
		Lesson 12 – Count in fractions up to a whole	Number - Fractions	<ul style="list-style-type: none"> Non-statutory guidance: Pupils should count in fractions up to 10, starting from any number and using the $\frac{1}{2}$ and $\frac{2}{4}$ equivalence on the number line (for example, 1 $\frac{1}{4}$, 1 $\frac{2}{4}$ (or 1 $\frac{1}{2}$), 1 $\frac{3}{4}$, 2).
	End of Unit Check			
1	Consolidation			
	Unit 11 – Time	Lesson 1- O'clock and half past	Measurement	<ul style="list-style-type: none"> 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)
		Lesson 2 – Quarter past and quarter to	Measurement	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Know the number of minutes in an hour and the number of hours in a day.
		Lesson 5 – Hours in a day	Measurement	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none">Use place value and number facts to solve problems.
		Lesson 2 – Using number facts	Problem solving and efficient methods	<ul style="list-style-type: none">Use place value and number facts to solve problems.
		Lesson 3 – Using a 100 square	Problem solving and efficient methods	<ul style="list-style-type: none">Use place value and number facts to solve problems.
		Lesson 4 – Getting started	Problem solving and efficient methods	<ul style="list-style-type: none">Use place value and number facts to solve problems.
3		Lesson 5 – Missing numbers	Problem solving and efficient methods	<ul style="list-style-type: none">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	<ul style="list-style-type: none">Use place value and number facts to solve problems.
		Lesson 7 – Mental addition and subtraction (2)	Problem solving and efficient methods	<ul style="list-style-type: none">Use place value and number facts to solve problems.
		Lesson 8 - Efficient subtraction	Problem solving and efficient methods	<ul style="list-style-type: none">Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measure
4		Lesson 9 – Solving problems – addition and subtraction	Problem solving and efficient methods	<ul style="list-style-type: none">Use place value and number facts to solve problems.
		Lesson 10 – Solving problems – multiplication and division	Problem solving and efficient methods	<ul style="list-style-type: none">Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.

YEAR TWO MATHEMATICS LONG TERM OVERVIEW

KEY: NUMBER, GEOMETRY, STATISTICS and MEASUREMENT

AUTUMN TERM, SPRING TERM and SUMMER TERM

5		Lesson 11 – Solving problems – using the four operations	Problem solving and efficient methods	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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 2 – Describe the movement	Geometry – Position and direction	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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			
	Consolidation			
	Unit 13 – Statistics	Lesson 1 – Make tally charts	Statistics	<ul style="list-style-type: none"> Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
		Lesson 2 – Tables	Statistics	<ul style="list-style-type: none"> Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
		Lesson 3 – Block diagram	Statistics	<ul style="list-style-type: none"> Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.

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KEY: NUMBER, GEOMETRY, STATISTICS and MEASUREMENT

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7		Lesson 4 - Draw pictograms (1-1)	Statistics	<ul style="list-style-type: none"> Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
		Lesson 5 – Interpret pictograms (1-1)	Statistics	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
		Lesson 7 – Interpret pictograms (2, 5, 10)	Statistics	<ul style="list-style-type: none"> 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

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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			
	Consolidation			
	Consolidation			
	Consolidation			
	Consolidation			
12	Consolidation			
	Consolidation			
	Consolidation			
	Consolidation			
	Consolidation			