



**SHOBNALL PRIMARY & NURSERY SCHOOL**  
**MATHEMATICS PROGRAMME OF STUDY**  
**YEAR 4 LONG TERM OVERVIEW**



## YEAR FOUR MATHEMATICS MEDIUM TERM PLAN

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- Place value – 4-digit numbers (1)	Lesson 1 – Represent and partition numbers to 1,000	Number- Number and place value	<ul style="list-style-type: none"><li>Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones).</li></ul>
		Lesson 2 – Number line to 1,000	Number- Number and place value	<ul style="list-style-type: none"><li>Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones).</li></ul>
		Lesson 3 – Multiples of 1,000	Number- Number and place value	<ul style="list-style-type: none"><li>Count in multiples of 6, 7, 9, 25 and 1,000.</li></ul>
		Lesson 4 – 4-digit numbers	Number- Number and place value	<ul style="list-style-type: none"><li>Identify, represent and estimate numbers using different representations.</li></ul>
2		Lesson 5 – Partition 4-didigt numbers	Number- Number and place value	<ul style="list-style-type: none"><li>Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones).</li></ul>
		Lesson 6 – Partition 4 -digit numbers flexibly	Number- Number and place value	<ul style="list-style-type: none"><li>Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones).</li></ul>
		Lesson 7 – 1, 10, 100, 1000 more or less	Number- Number and place value	<ul style="list-style-type: none"><li>Find 1,000 more or less than a given number.</li></ul>
		Lesson 8 – 1,000s, 100, 10s, and 1s	Number- Number and place value	<ul style="list-style-type: none"><li>Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones).</li></ul>
3	Unit 2 - Place value – 4-digit numbers (2)	Lesson 1 – Number lines to 10,000	Number- Number and place value Number – Addition and subtraction	<ul style="list-style-type: none"><li>Identify, represent and estimate numbers using different representations.</li></ul>
		Lesson 2 – Between two multiples	Number- Number and place value	<ul style="list-style-type: none"><li>Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones).</li></ul>
		Lesson 3 – Estimate on a number line to 10,000	Number- Number and place value	<ul style="list-style-type: none"><li>Order and compare numbers beyond 1,000.</li></ul>
		Lesson 4 – Compare and order numbers to 10,000	Number- Number and place value	<ul style="list-style-type: none"><li>Order and compare numbers beyond 1,000.</li></ul>
4		Lesson 5 – Round to the nearest 1,000	Number- Number and place value	<ul style="list-style-type: none"><li>Round any number to the nearest 10, 100 or 1,000.</li></ul>

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		Lesson 6 – Round to the nearest 100	Number- Number and place value	<ul style="list-style-type: none"> <li>Round any number to the nearest 10, 100 or 1,000.</li> </ul>
		Lesson 7 – Round to the nearest 10	Number- Number and place value	<ul style="list-style-type: none"> <li>Round any number to the nearest 10, 100 or 1,000.</li> </ul>
		Lesson 8 – Round to the nearest 1,000, 100 or 10	Number- Number and place value	<ul style="list-style-type: none"> <li>Round any number to the nearest 10, 100 or 1,000.</li> </ul>
<b>5</b>	<b>Unit 3 – Addition and subtraction</b>	Lesson 1- Adding and subtracting 1s, 10s, 100s and 1000s	Number – Addition and subtraction	<ul style="list-style-type: none"> <li>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.</li> </ul>
		Lesson 2 – Add two 4-digit numbers	Number – Addition and subtraction	<ul style="list-style-type: none"> <li>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.</li> </ul>
		Lesson 3 – Add two 4-digit numbers – one exchange	Number – Addition and subtraction	<ul style="list-style-type: none"> <li>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.</li> </ul>
		Lesson 4 – Add with one more than one exchange	Number – Addition and subtraction	<ul style="list-style-type: none"> <li>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.</li> </ul>
<b>6</b>		Lesson 5 – Subtract two 4-digit numbers	Number – Addition and subtraction	<ul style="list-style-type: none"> <li>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.</li> </ul>
		Lesson 6 – Subtract two 4-digit numbers – one exchange	Number – Addition and subtraction	<ul style="list-style-type: none"> <li>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.</li> </ul>
		Lesson 7 – Subtract two 4-digit numbers – more than one exchange	Number – Addition and subtraction	<ul style="list-style-type: none"> <li>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.</li> </ul>
		Lesson 8 – Exchange across two columns	Number – Addition and subtraction	<ul style="list-style-type: none"> <li>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.</li> </ul>
<b>7</b>		Lesson 9 – Efficient methods	Number- Number and place value Number – Addition and subtraction	<ul style="list-style-type: none"> <li>Estimate and use inverse operations to check answers to a calculation.</li> </ul>
		Lesson 10 – Equivalent differences	Number- Number and place value	<ul style="list-style-type: none"> <li>Estimate and use inverse operations to check answers to a calculation.</li> </ul>

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			Number – Addition and subtraction	
		Lesson 11 – Estimate answers	Number – Addition and subtraction	<ul style="list-style-type: none"> <li>Estimate and use inverse operations to check answers to a calculation.</li> </ul>
		Lesson 12 – Check strategies	Number – Addition and subtraction	<ul style="list-style-type: none"> <li>Estimate and use inverse operations to check answers to a calculation.</li> </ul>
8		Lesson 13 – Problem solving – one step	Number – Addition and subtraction	<ul style="list-style-type: none"> <li>Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.</li> </ul>
		Lesson 14 – Problem solving – comparison	Number – Addition and subtraction	<ul style="list-style-type: none"> <li>Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.</li> </ul>
		Lesson 15 – Problem solving – two steps	Number – Addition and subtraction	<ul style="list-style-type: none"> <li>Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.</li> </ul>
		Lesson 16 – Problem solving – multi-step problems	Number – Addition and subtraction	<ul style="list-style-type: none"> <li>Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.</li> </ul>
9	<b>Unit 4- Measure-area</b>	Lesson 1 – What is area?	Measurement	<ul style="list-style-type: none"> <li>Find the area of rectilinear shapes by counting squares.</li> </ul>
		Lesson 2 – Measure area using squares	Measurement	<ul style="list-style-type: none"> <li>Find the area of rectilinear shapes by counting squares.</li> </ul>
		Lesson 3 – Counting squares	Measurement	<ul style="list-style-type: none"> <li>Find the area of rectilinear shapes by counting squares.</li> </ul>
		Lesson 4 – Make shapes	Measurement	<ul style="list-style-type: none"> <li>Find the area of rectilinear shapes by counting squares.</li> </ul>
10		Lesson 5 – Compare area	Measurement	<ul style="list-style-type: none"> <li>Estimate, compare and calculate different measures, including money in pounds and pence.</li> </ul>
	<b>Unit 5 – Multiplication and division (1)</b>	Lesson 1 – Multiples of 3	Number- Multiplication and division	<ul style="list-style-type: none"> <li>Recall multiplication and division facts for multiplication tables up to 12 × 12.</li> </ul>
		Lesson 2 – Multiply and divide by 6	Number- Multiplication and division	<ul style="list-style-type: none"> <li>Recall multiplication and division facts for multiplication tables up to 12 × 12.</li> </ul>
		Lesson 3 – 6 times-table and division facts	Number- Multiplication and division	<ul style="list-style-type: none"> <li>Recall multiplication and division facts for multiplication tables up to 12 × 12.</li> </ul>

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11		Lesson 4 – Multiply and divide by 9	Number-Multiplication and division	<ul style="list-style-type: none"><li>Recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math>.</li></ul>
		Lesson 5 – 9 times-table and division facts	Number-Multiplication and division	<ul style="list-style-type: none"><li>Recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math>.</li></ul>
		Lesson 6 – The 3,6 and 9 times-tables	Number-Multiplication and division	<ul style="list-style-type: none"><li>Recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math>.</li></ul>
		Lesson 7 – Multiplying and dividing by 7	Number-Multiplication and division	<ul style="list-style-type: none"><li>Recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math>.</li></ul>
12		Lesson 8 – 7 times-table and division facts	Number-Multiplication and division	<ul style="list-style-type: none"><li>Recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math>.</li></ul>
		Lesson 9 – 11 and 12 times-table and division facts	Number-Multiplication and division	<ul style="list-style-type: none"><li>Recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math>.</li></ul>
		Lesson 10 – Multiply by 1 and 0	Number-Multiplication and division	<ul style="list-style-type: none"><li>Use place value, known and derived facts to multiply and divide mentally, including; multiplying by 0 and 1; dividing by 1; multiplying together three numbers.</li></ul>
		Lesson 11 – Divide by 1 and itself	Number-Multiplication and division	<ul style="list-style-type: none"><li>Use place value, known and derived facts to multiply and divide mentally, including; multiplying by 0 and 1; dividing by 1; multiplying together three numbers.</li></ul>
1		Lesson 12 – Multiply three number	Number-Multiplication and division	<ul style="list-style-type: none"><li>Use place value, known and derived facts to multiply and divide mentally, including; multiplying by 0 and 1; dividing by 1; multiplying together three numbers.</li></ul>
		Unit 6 – Multiplication and division (2)	Lesson 1 – Factor pairs	Number-Multiplication and division
	Lesson 2 – Multiply and divide by 10		Number-Multiplication and division	<ul style="list-style-type: none"><li>Recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math>.</li></ul>



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<b>2</b>	Lesson 3 – Multiply and divide by 100	Number-Multiplication and division	<ul style="list-style-type: none"> <li>Recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math>.</li> </ul>
	Lesson 4 – Related facts - multiplication	Number-Multiplication and division	<ul style="list-style-type: none"> <li>Recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math>.</li> </ul>
	Lesson 5 – Related facts - division	Number-Multiplication and division	<ul style="list-style-type: none"> <li>Recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math>.</li> </ul>
	Lesson 6 - Multiply and add	Number-Multiplication and division	<ul style="list-style-type: none"> <li>Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by one digit, integer scaling problems and harder correspondence problems such as <math>n</math> objects are connected to <math>m</math> objects.</li> </ul>
	Lesson 7 – Informal written methods	Number-Multiplication and division	<ul style="list-style-type: none"> <li>Multiply two-digit and three-digit numbers by a one-digit number using formal written layout.</li> </ul>
<b>3</b>	Lesson 8 – Multiply 2-digits by 1-digit	Number-Multiplication and division	<ul style="list-style-type: none"> <li>Multiply two-digit and three-digit numbers by a one-digit number using formal written layout.</li> </ul>
	Lesson 9 – Multiply 3-digits by 1-digit	Number-Multiplication and division	<ul style="list-style-type: none"> <li>Multiply two-digit and three-digit numbers by a one-digit number using formal written layout.</li> </ul>
	Lesson 10 – Solve multiplication problems	Number-Multiplication and division	<ul style="list-style-type: none"> <li>Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by one digit, integer scaling problems and harder correspondence problems such as <math>n</math> objects are connected to <math>m</math> objects.</li> </ul>
	Lesson 11 – Basic division	Number-Multiplication and division	<ul style="list-style-type: none"> <li>Recognise and use factor pairs and commutativity in mental calculations.</li> </ul>
<b>4</b>	Lesson 12 – Division and remainders	Number-Multiplication and division	<ul style="list-style-type: none"> <li>Multiply two-digit and three-digit numbers by a one-digit number using formal written layout.</li> </ul>
	Lesson 13 – Divide 2-digit numbers	Number-Multiplication and division	<ul style="list-style-type: none"> <li>Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.</li> </ul>

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5		Lesson 14 – Divide 3-digit numbers	Number- Multiplication and division	<ul style="list-style-type: none"> <li>Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.</li> </ul>
		Lesson 15 – Correspondence problems	Number- Multiplication and division	<ul style="list-style-type: none"> <li>Recognise and use factor pairs and commutativity in mental calculations.</li> </ul>
		Lesson 16 - Efficient multiplication	Number- Multiplication and division	<ul style="list-style-type: none"> <li>Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.</li> </ul>
6	Unit 7 – Length and perimeter	Lesson 1 – Measure in km and m	Measurement	<ul style="list-style-type: none"> <li>Convert between different units of measure.</li> </ul>
		Lesson 2 – Perimeter on a grid	Measurement	<ul style="list-style-type: none"> <li>Measure and calculate the perimeter of rectilinear figure (including squares) in centimetres and metres.</li> </ul>
		Lesson 3 – Perimeter of a rectangle	Measurement	<ul style="list-style-type: none"> <li>Measure and calculate the perimeter of rectilinear figure (including squares) in centimetres and metres.</li> </ul>
		Lesson 4 – Perimeter of a rectilinear shapes	Measurement	<ul style="list-style-type: none"> <li>Measure and calculate the perimeter of rectilinear figure (including squares) in centimetres and metres.</li> </ul>
		Lesson 5 – Find missing lengths in rectilinear shapes	Measurement	<ul style="list-style-type: none"> <li>Measure and calculate the perimeter of rectilinear figure (including squares) in centimetres and metres.</li> </ul>
		Lesson 6 – Perimeter of regular polygons	Measurement	<ul style="list-style-type: none"> <li>Measure and calculate the perimeter of rectilinear figure (including squares) in centimetres and metres.</li> </ul>
7	Unit 8 – Fractions (1)	Lesson 1 – Count beyond 1	Number- Fractions	<ul style="list-style-type: none"> <li>Non-statutory guidance: They practise counting using simple fractions and decimals, both forward and backwards.</li> </ul>
		Lesson 2 – partition a mixed number	Number- Fractions	<ul style="list-style-type: none"> <li>Ready to progress criteria (4F–1): Reason about the location of mixed numbers in the linear number system.</li> </ul>
		Lesson 3 – Number lines with mixed numbers	Number- Fractions	<ul style="list-style-type: none"> <li>Ready to progress criteria (4F–1): Reason about the location of mixed numbers in the linear number system.</li> </ul>
		Lesson 4 – Compare and order mixed numbers	Number- Fractions	<ul style="list-style-type: none"> <li>Ready to progress criteria (4F–1): Reason about the location of mixed numbers in the linear number system.</li> </ul>

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8		Lesson 5 – Convert mixed numbers to improper fractions	Number- Fractions	<ul style="list-style-type: none"><li>Ready to progress criteria (4F–2): convert mixed number to improper fractions and vice versa.</li></ul>
		Lesson 6 – Convert improper fractions to mixed number	Number- Fractions	<ul style="list-style-type: none"><li>Ready to progress criteria (4F–2): convert mixed number to improper fractions and vice versa</li></ul>
		Lesson 7 -Equivalent fractions	Number- Fractions	<ul style="list-style-type: none"><li>Recognise and show, using diagrams, families of common equivalent fractions.</li></ul>
		Lesson 8 – Equivalent fraction families	Number- Fractions	<ul style="list-style-type: none"><li>Recognise and show, using diagrams, families of common equivalent fractions.</li></ul>
		Lesson 9 – Simplifying fractions	Number- Fractions	<ul style="list-style-type: none"><li>Recognise and show, using diagrams, families of common equivalent fractions.</li></ul>
9	Unit 9 – Fractions (2)	Lesson 1 – Add and subtract two or more fractions	Number- Fractions	<ul style="list-style-type: none"><li>Add and subtract fractions with the same denominator.</li></ul>
		Lesson 2 – Add fractions and mixed numbers	Number- Fractions	<ul style="list-style-type: none"><li>Add and subtract fractions with the same denominator.</li></ul>
		Lesson 3 – Subtract from mixed numbers	Number- Fractions	<ul style="list-style-type: none"><li>Add and subtract fractions with the same denominator.</li></ul>
		Lesson 4 -Subtract from whole amounts	Number- Fractions	<ul style="list-style-type: none"><li>Add and subtract fractions with the same denominator.</li></ul>
10		Lesson 5 – Problem solving – add and subtract fractions (1)	Number- Fractions	<ul style="list-style-type: none"><li>Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.</li></ul>
		Lesson 6 – Problem solving – add and subtract fractions (2)	Number- Fractions	<ul style="list-style-type: none"><li>Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.</li></ul>
		Lesson 7 – Fractions of an amount	Number- Fractions	<ul style="list-style-type: none"><li>Non-statutory lesson.</li></ul>
		Lesson 8 -Problem solving – Fractions of an amount	Number- Fractions	<ul style="list-style-type: none"><li>Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.</li></ul>



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11	Unit 10 – Decimals (1)	Lesson 1 – Tenths as fractions	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Recognise and write decimal equivalents of any number of tenths or hundredths.</li></ul>
		Lesson 2 – Tenths as decimals	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Recognise and write decimal equivalents of any number of tenths or hundredths.</li></ul>
		Lesson 3 – Tenths on a place value grid	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Recognise and write decimal equivalents of any number of tenths or hundredths.</li></ul>
		Lesson 4 – Tenths on a number line (1)	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Recognise and write decimal equivalents of any number of tenths or hundredths.</li></ul>
12		Lesson 5 – Tenths on a number line (2)	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Recognise and write decimal equivalents of any number of tenths or hundredths.</li></ul>
		Lesson 6 – Divide 1-digit by 10	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.</li></ul>
		Lesson 7 – Divide 2-digits by 10	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.</li></ul>
		Lesson 8 – Hundredths as fractions	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Recognise and write decimal equivalents of any number of tenths or hundredths.</li></ul>
1		Lesson 9 – Hundredths as a decimal	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Recognise and write decimal equivalents of any number of tenths or hundredths.</li></ul>
		Lesson 10 – Hundredths on a place value grid	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Recognise and write decimal equivalents of any number of tenths or hundredths.</li></ul>
		Lesson 11 – Divide 1 or 2-digits by 100	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.</li></ul>
		Lesson 12 – Dividing by 10 and 100	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.</li></ul>
2	Unit 11 – Decimals (2)	Lesson 1 – Make a whole	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Recognise and write decimal equivalents of any number of tenths or hundredths.</li></ul>
		Lesson 2 – Partitioning decimals	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Recognise and write decimal equivalents of any number of tenths or hundredths.</li></ul>
		Lesson 3 – Flexible partitioning	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Recognise and write decimal equivalents of any number of tenths or hundredths.</li></ul>
		Lesson 4 – Compare decimals	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Compare numbers with the same number of decimal places up to two decimal places</li></ul>
3		Lesson 5 – Order decimals	Number- Fractions (including decimals)	<ul style="list-style-type: none"><li>Compare numbers with the same number of decimal places up to two decimal places</li></ul>

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		Lesson 6 – Round to the nearest whole	Number- Fractions (including decimals)	<ul style="list-style-type: none"> <li>Round decimals with one decimal place to the nearest whole number.</li> </ul>
		Lesson 7 – Halves and quarters as decimals	Number- Fractions (including decimals)	<ul style="list-style-type: none"> <li>Recognise and write decimal equivalents to <math>\frac{1}{4}</math>, <math>\frac{1}{2}</math> and <math>\frac{3}{4}</math>.</li> </ul>
4	<b>Unit 12 – Money</b>	Lesson 1 – Write money using decimals	Measurement	<ul style="list-style-type: none"> <li>Estimate, compare and calculate different measures, including money in pounds and pence.</li> </ul>
		Lesson 2 – Convert between pounds and pence	Measurement	<ul style="list-style-type: none"> <li>Estimate, compare and calculate different measures, including money in pounds and pence.</li> </ul>
		Lesson 3 – Compare amounts of money	Measurement	<ul style="list-style-type: none"> <li>Estimate, compare and calculate different measures, including money in pounds and pence.</li> </ul>
		Lesson 4 – Estimate with money	Measurement	<ul style="list-style-type: none"> <li>Estimate, compare and calculate different measures, including money in pounds and pence.</li> </ul>
		Lesson 5 – Calculate with money	Measurement	<ul style="list-style-type: none"> <li>Estimate, compare and calculate different measures, including money in pounds and pence.</li> </ul>
5	<b>Unit 13 – Time</b>	Lesson 6 – Solve problems with money	Measurement	<ul style="list-style-type: none"> <li>Estimate, compare and calculate different measures, including money in pounds and pence.</li> </ul>
		Lesson 1 – Years, months, weeks and days	Measurement	<ul style="list-style-type: none"> <li>Convert between different units of measure (for example, kilometre to metre; hour to minute).</li> </ul>
		Lesson 2 – Years, months, weeks and days	Measurement	<ul style="list-style-type: none"> <li>Convert between different units of measure (for example, kilometre to metre; hour to minute).</li> </ul>
		Lesson 3 – convert between analogue and digital times	Measurement	<ul style="list-style-type: none"> <li>Convert between different units of measure (for example, kilometre to metre; hour to minute).</li> </ul>
6		Lesson 4 – Convert to the 24-hour clock	Measurement	<ul style="list-style-type: none"> <li>Convert between different units of measure (for example, kilometre to metre; hour to minute).</li> </ul>
		Lesson 5 – Problem solving – converting time	Measurement	<ul style="list-style-type: none"> <li>Convert between different units of measure (for example, kilometre to metre; hour to minute).</li> </ul>
	<b>Unit 14 – Geometry –</b>	Lesson 1 – Identify angles	Geometry	<ul style="list-style-type: none"> <li>Identify acute and obtuse angles and compare and order angles up to two right angles by size.</li> </ul>

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7	<b>angles and 2D shapes</b>	Lesson 2 – Compare and order angles	Geometry	<ul style="list-style-type: none"> <li>Identify acute and obtuse angles and compare and order angles up to two right angles by size.</li> </ul>
		Lesson 3 - Triangles	Geometry	<ul style="list-style-type: none"> <li>Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.</li> </ul>
		Lesson 4 - Quadrilaterals	Geometry	<ul style="list-style-type: none"> <li>Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.</li> </ul>
		Lesson 5 - Polygons	Geometry	<ul style="list-style-type: none"> <li>Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.</li> </ul>
		Lesson 6 – Reasoning about polygons	Geometry	<ul style="list-style-type: none"> <li>Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.</li> </ul>
8		Lesson 7 – Lines of symmetry	Geometry	<ul style="list-style-type: none"> <li>Identify lines of symmetry in 2D shapes presented in different orientations.</li> </ul>
		Lesson 8 – Complete a symmetric figure	Geometry	<ul style="list-style-type: none"> <li>Complete a simple symmetric figure with respect to a specific line of symmetry.</li> </ul>
9	<b>Unit 15 – Statistics</b>	Lesson 1 – Interpret charts	Statistics	<ul style="list-style-type: none"> <li>Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.</li> </ul>
		Lesson 2 – Solve problems with charts (1)	Statistics	<ul style="list-style-type: none"> <li>Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.</li> </ul>
		Lesson 3 – Solve problems with charts (2)	Statistics	<ul style="list-style-type: none"> <li>Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.</li> </ul>
		Lesson 4 – Interpret line graphs (1)	Statistics	<ul style="list-style-type: none"> <li>Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.</li> </ul>
		Lesson 5 – Interpret line graphs (2)	Statistics	<ul style="list-style-type: none"> <li>Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.</li> </ul>
		Lesson 6 – Draw line graphs	Statistics	<ul style="list-style-type: none"> <li>Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.</li> </ul>
10	<b>Unit 16 – Geometry – position and direction</b>	Lesson 1 – Describe position	Geometry	<ul style="list-style-type: none"> <li>Describe positions on a 2D grid as coordinates in the first quadrant.</li> </ul>
		Lesson 2 – Describe the position using coordinates	Geometry	<ul style="list-style-type: none"> <li>Describe positions on a 2D grid as coordinates in the first quadrant.</li> </ul>
		Lesson 3 -Plot coordinates	Geometry	<ul style="list-style-type: none"> <li>Plot specified points and draw sides to complete a given polygon.</li> </ul>

## YEAR FOUR MATHEMATICS MEDIUM TERM PLAN

**KEY: NUMBER, GEOMETRY, STATISTICS and MEASUREMENT**

**AUTUMN TERM, SPRING TERM and SUMMER TERM**

11		Lesson 4 – Draw 2D shapes on a grid	Geometry	<ul style="list-style-type: none"> <li>Plot specified points and draw sides to complete a given polygon.</li> </ul>
		Lesson 5 – Translate on a grid	Geometry	<ul style="list-style-type: none"> <li>Describe movements between positions as translations of a given unit to the left/right and up/down.</li> </ul>
		Lesson 6 – Describe translation on a grid	Geometry	<ul style="list-style-type: none"> <li>Describe movements between positions as translations of a given unit to the left/right and up/down.</li> </ul>
12	Consolidation			
	Consolidation			
	Consolidation			
	Consolidation			
	Consolidation			