



## Long-term Plan for Maths

2014-15

Subject Leader: T Hounsome

YR 5	First half of term <b>MULTIPLICATION &amp; DIVISION FACTS</b>	Second half of term <b>MULTIPLICATION &amp; DIVISION FACTS</b>
Autumn	<p><b>Week 1: Number and place Value</b></p> <ul style="list-style-type: none"> <li>• Counting</li> <li>• Comparing Numbers</li> <li>• Problem Solving</li> </ul> <p><b>Week 2: Addition, subtraction</b></p> <ul style="list-style-type: none"> <li>• Mental Calculation</li> <li>• Written Methods</li> <li>• Inverse operations, estimating and checking answers</li> <li>• Problem Solving</li> </ul> <p><b>Week 3: Fractions, decimals, percentages</b></p> <ul style="list-style-type: none"> <li>• Recognising fractions</li> <li>• Comparing fractions</li> <li>• Comparing decimals</li> <li>• Rounding</li> <li>• Problem solving</li> </ul> <p><b>Week 4: Measures</b></p> <ul style="list-style-type: none"> <li>• Comparing and estimating</li> <li>• Measuring and calculating</li> <li>• Problem Solving</li> </ul> <p><b>Week 5: Number and place value</b></p> <ul style="list-style-type: none"> <li>• Reading and writing numbers ( including Roman Numerals)</li> <li>• Understanding place value</li> <li>• Problem solving</li> </ul> <p><b>Week 6: Multiplication and division</b></p> <ul style="list-style-type: none"> <li>• Mental calculation</li> <li>• Written calculations</li> <li>• Properties of numbers: multiples, factors, primes, square and cube numbers</li> <li>• Problem Solving</li> </ul>	<p><b>Week 7: Fractions, decimals, percentages</b></p> <ul style="list-style-type: none"> <li>• Equivalence</li> <li>• Problem Solving</li> </ul> <p><b>Week 8: Geometry: properties of shapes</b></p> <ul style="list-style-type: none"> <li>• Identifying shapes and their properties</li> <li>• Drawing and constructing</li> <li>• Comparing and classifying</li> <li>• Problem Solving</li> </ul> <p><b>Week 9: Number and place value</b></p> <ul style="list-style-type: none"> <li>• Rounding</li> <li>• Counting</li> <li>• Problem solving</li> </ul> <p><b>Week 10: Fractions, decimals, percentages</b></p> <ul style="list-style-type: none"> <li>• Addition and subtraction of fractions</li> <li>• Multiplication and division of fractions</li> <li>• Multiplication and division of decimals</li> <li>• Problem solving</li> </ul> <p><b>Week 11: Geometry: position, direction, motion</b></p> <ul style="list-style-type: none"> <li>• Position, direction and movement</li> <li>• Problem Solving</li> </ul> <p><b>Week 12: Statistics</b></p> <ul style="list-style-type: none"> <li>• Interpreting, constructing and presenting data</li> <li>• Problem Solving</li> </ul>



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Spring	<b>MULTIPLICATION &amp; DIVISION FACTS</b>	<b>MULTIPLICATION &amp; DIVISION FACTS</b>
	<p><b>Week 1: Number and place Value</b></p> <ul style="list-style-type: none"><li>Counting</li><li>Comparing Numbers</li><li>Problem Solving</li></ul> <p><b>Week 2: Addition, subtraction</b></p> <ul style="list-style-type: none"><li>Mental Calculation</li><li>Written Methods</li><li>Inverse operations, estimating and checking answers</li><li>Problem Solving</li></ul> <p><b>Week 3: Fractions, decimals, percentages</b></p> <ul style="list-style-type: none"><li>Recognising fractions</li><li>Comparing fractions</li><li>Comparing decimals</li><li>Rounding</li><li>Problem solving</li></ul> <p><b>Week 4: Measures</b></p> <ul style="list-style-type: none"><li>Telling the time</li><li>Converting</li><li>Problem Solving</li></ul> <p><b>Week 5: Number and place value</b></p> <ul style="list-style-type: none"><li>Reading and writing numbers ( including Roman Numerals)</li><li>Understanding place value</li><li>Problem solving</li></ul> <p><b>Week 6: Multiplication and division</b></p> <ul style="list-style-type: none"><li>Mental calculation</li><li>Written calculations</li><li>Properties of numbers: multiples, factors, primes, square and cube numbers</li><li>Problem Solving</li></ul>	<p><b>Week 7: Fractions, decimals, percentages</b></p> <ul style="list-style-type: none"><li>Equivalence</li><li>Problem Solving</li></ul> <p><b>Week 8: Geometry: properties of shapes</b></p> <ul style="list-style-type: none"><li>Drawing and constructing</li><li>Comparing and classifying</li><li>Angles</li><li>Problem Solving</li></ul> <p><b>Week 9: Number and place value</b></p> <ul style="list-style-type: none"><li>Rounding</li><li>Counting</li><li>Problem solving</li></ul> <p><b>Week 10: Fractions, decimals, percentages</b></p> <ul style="list-style-type: none"><li>Addition and subtraction of fractions</li><li>Multiplication and division of fractions</li><li>Multiplication and division of decimals</li><li>Problem solving</li></ul> <p><b>Week 11: Geometry: position, direction, motion</b></p> <ul style="list-style-type: none"><li>Position, direction and movement</li><li>Problem Solving</li></ul> <p><b>Week 12: Statistics</b></p> <ul style="list-style-type: none"><li>Interpreting, constructing and presenting data</li><li>Problem Solving</li></ul>



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Summer	<b>MULTIPLICATION &amp; DIVISION FACTS</b>	<b>MULTIPLICATION &amp; DIVISION FACTS</b>
	<p><b>Week 1: Number and place Value</b></p> <ul style="list-style-type: none"><li>Counting</li><li>Comparing Numbers</li><li>Problem Solving</li></ul> <p><b>Week 2: Addition, subtraction</b></p> <ul style="list-style-type: none"><li>Mental Calculation</li><li>Written Methods</li><li>Inverse operations, estimating and checking answers</li><li>Problem Solving</li></ul> <p><b>Week 3: Fractions, decimals, percentages</b></p> <ul style="list-style-type: none"><li>Recognising fractions</li><li>Comparing fractions</li><li>Comparing decimals</li><li>Rounding</li><li>Problem solving</li></ul> <p><b>Week 4: Measures</b></p> <ul style="list-style-type: none"><li>Telling the time</li><li>Converting</li><li>Problem Solving</li></ul> <p><b>Week 5: Number and place value</b></p> <ul style="list-style-type: none"><li>Reading and writing numbers ( including Roman Numerals)</li><li>Understanding place value</li><li>Problem solving</li></ul> <p><b>Week 6: Multiplication and division</b></p> <ul style="list-style-type: none"><li>Mental calculation</li><li>Written calculations</li><li>Properties of numbers: multiples, factors, primes, square and cube numbers</li><li>Problem Solving</li></ul>	<p><b>Week 7: Fractions, decimals, percentages</b></p> <ul style="list-style-type: none"><li>Equivalence</li><li>Problem Solving</li></ul> <p><b>Week 8: Geometry: properties of shapes</b></p> <ul style="list-style-type: none"><li>Drawing and constructing</li><li>Comparing and classifying</li><li>Angles</li><li>Problem Solving</li></ul> <p><b>Week 9: Number and place value</b></p> <ul style="list-style-type: none"><li>Rounding</li><li>Counting</li><li>Problem solving</li></ul> <p><b>Week 10: Fractions, decimals, percentages</b></p> <ul style="list-style-type: none"><li>Addition and subtraction of fractions</li><li>Multiplication and division of fractions</li><li>Multiplication and division of decimals</li><li>Problem solving</li></ul> <p><b>Week 11: Geometry: position, direction, motion</b></p> <ul style="list-style-type: none"><li>Position, direction and movement</li><li>Problem Solving</li></ul> <p><b>Week 12: Statistics</b></p> <ul style="list-style-type: none"><li>Interpreting, constructing and presenting data</li><li>Problem Solving</li></ul>