

**Roe Farm Primary School
Year 4**

Autumn 1 st Half Term	Autumn 2 nd Half Term	Spring 1 st Half Term	Spring 2 nd Half Term	Summer 1 st Half Term	Summer 2 nd Half Term
<p><u>Number and Place Value: Numbers to 10 000</u></p> <p><u>Chapter 1 – Numbers to 10 000</u></p> <p>To count in hundreds and twenty-fives.</p> <p>To count in thousands.</p> <p>To count in thousands, hundreds, tens and ones.</p> <p>To use an understanding of place value to count.</p> <p>To understand place value in a 4-digit number.</p> <p>To compare and order numbers.</p>	<p><u>Multiplication and Division</u></p> <p><u>Chapter 3 – Multiplication and Division</u></p> <p>To multiply by 6.</p> <p>To multiply by 7.</p> <p>To multiply by 9.</p> <p>To multiply by 9 (relational understanding).</p> <p>To multiply by 11.</p> <p>To multiply by 12.</p> <p>To divide by 6.</p> <p>To divide by 7.</p> <p>To divide by 9.</p>	<p><u>Chapter 4 – Further Multiplication and Division</u></p> <p>To multiply 2-digit numbers.</p> <p>To multiply 2-digit numbers with renaming.</p> <p>To multiply multiples of 100.</p> <p>To multiply 3-digit numbers.</p> <p>To divide 2-digit numbers.</p> <p>To divide 3-digit numbers.</p> <p>To divide 2-digit numbers with remainders.</p>	<p><u>Measurement</u></p> <p><u>Chapter 7 – Time</u></p> <p>To tell the time on a 24-hour clock.</p> <p>To convert between minutes and seconds.</p> <p>To convert between hours and minutes.</p> <p>To solve time problems.</p> <p>To convert between units of time.</p> <p>To solve word problems (duration).</p> <p><u>Fractions, Decimals and Percentages: Decimals</u></p> <p><u>Chapter 8 – Decimals</u></p>	<p><u>Measurement</u></p> <p><u>Chapter 9 – Money</u></p> <p>To record amounts of money.</p> <p>To compare total amounts of money.</p> <p>To round to the nearest pound (whole number).</p> <p>To solve money problems (addition and subtraction).</p> <p>To solve money problems (multiplication).</p> <p>To solve money problems (comparison).</p>	<p><u>Geometry – Properties of Shapes</u></p> <p><u>Chapter 12 – Geometry</u></p> <p>To identify types of angles.</p> <p>To compare angles.</p> <p>To classify triangles.</p> <p>To classify quadrilaterals.</p> <p>To identify symmetrical figures.</p> <p>To draw lines of symmetry.</p> <p>To draw symmetrical figures.</p> <p>To make symmetrical figures.</p>

<p>To compare and order 4-digit numbers.</p> <p>To make number patterns (100, 10, 1 more and less).</p> <p>To make number patterns (4-digit numbers).</p> <p>To count in sixes, sevens and nines.</p> <p>To round numbers to the nearest 1000.</p> <p>To round numbers to the nearest 10, 100 and 1000.</p> <p>To round numbers to estimate.</p> <p>To round numbers to estimate.</p> <p><u>Addition and Subtraction</u></p> <p><u>Chapter 2 – Addition and Subtraction within 10 000</u></p>	<p>To multiply and divide by 11 and 12.</p> <p>To divide with remainders.</p> <p>To solve word problems involving multiplication and division.</p> <p>To solve multi-step problems (in the context of measures).</p> <p>To solve problems involving multiplication and division (all possibilities).</p> <p>To solve problems involving multiplication and division (multi-step).</p> <p>To solve problems involving multiplication and division (scaling/comparison).</p>	<p>To divide 3-digit numbers with remainders.</p> <p>To solve multiplication and division word problems.</p> <p>To solve multiplication and division word problems (multi-step).</p> <p><u>Statistics</u></p> <p><u>Chapter 5 – Graphs</u></p> <p>To draw and read picture graphs and bar graphs.</p> <p>To draw and read bar graphs.</p> <p>To draw and read a line graph.</p> <p>To draw and read line graphs (drawing focus).</p> <p><u>Fractions, Decimals and Percentages: Fractions</u></p>	<p>To record in tenths.</p> <p>To write hundredths.</p> <p>To write decimal numbers.</p> <p>To compare and order decimal numbers.</p> <p>To create number sequences.</p> <p>To round decimal numbers.</p> <p>To write fractions as decimal numbers.</p> <p>To divide whole numbers by 10.</p> <p>To divide whole numbers by 100.</p>	<p>To estimate amounts of money.</p> <p><u>Chapter 10 – Mass, Volume and length</u></p> <p>To measure mass.</p> <p>To convert units of mass.</p> <p>To measure volume.</p> <p>To convert units of volume.</p> <p>To measure height.</p> <p>To measure length.</p> <p>To convert units of length.</p> <p>To measure perimeter in centimetres and millimetres.</p> <p>To solve problems in measurement (reading scales).</p> <p><u>Chapter 11 – Area of Figures</u></p>	<p>To complete symmetrical figures.</p> <p>To sort shapes.</p> <p><u>Geometry – Position and Direction</u></p> <p><u>Chapter 13 – Position and Movement</u></p> <p>To describe position.</p> <p>To plot coordinates.</p> <p>To describe movements.</p> <p>To describe movements (coordinates).</p> <p><u>Number and Place Value</u></p> <p><u>Chapter 14 – Roman Numerals</u></p> <p>To write Roman numerals (to 20).</p>
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<p>To find totals and sums.</p> <p>To add without renaming.</p> <p>To add with renaming (in the ones column).</p> <p>To add with renaming (in tens and ones).</p> <p>To add with renaming (in hundreds, tens and ones).</p> <p>To add using mental strategies (making tens, hundreds and thousands).</p> <p>To add using mental strategies.</p> <p>To find the difference.</p> <p>To subtract without renaming (column subtraction).</p>	<p><u>Chapter 4 – Further Multiplication and Division</u></p> <p>To multiply by 0 and 1.</p> <p>To divide by 1.</p> <p>To understand commutativity.</p> <p>To multiply three numbers.</p> <p>To multiply with multiples of 10.</p>	<p><u>Chapter 6 – Fractions</u></p> <p>To count in hundredths.</p> <p>To write mixed number fractions.</p> <p>To show mixed number fractions on a number line.</p> <p>To find equivalent fractions.</p> <p>To simplify mixed number fractions.</p> <p>To simplify improper fractions.</p> <p>To add fractions.</p> <p>To add fractions (recording answers as a mixed number).</p> <p>To add fractions (simplest form).</p> <p>To subtract fractions.</p>		<p>To find area (by measuring surface coverage).</p> <p>To measure area.</p> <p>To measure area (counting squares).</p> <p>To measure area (counting squares and half squares).</p> <p>To measure area (using multiplication).</p> <p>To measure area (shapes in different orientations).</p>	<p>To write Roman numerals to 100.</p>
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<p>To subtract with renaming (in tens and ones).</p> <p>To subtract with renaming (in hundreds, tens and ones).</p> <p>To subtract with renaming (in hundreds, tens and ones).</p> <p>To subtract with renaming.</p> <p>To subtract using mental strategies.</p> <p>To solve addition and subtraction word problems.</p> <p>To solve word problems (addition and subtraction).</p> <p>To solve multi-step word problems.</p>		<p>To solve word problems.</p>			
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