



Medium-term planning Spring 2

YEAR 6

W	Title	Curriculum objective
1	Calculating with large numbers	<ul style="list-style-type: none"> To multiply multi-digit numbers up to 4 digits by a two-digit whole number using the efficient written method of long multiplication. To divide numbers up to 4 digits by a two-digit whole number using the efficient written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context. To perform mental calculations, including with mixed operations and large numbers. To use their knowledge of the order of operations to carry out calculations involving the four operations. To solve problems involving addition, subtraction, multiplication and division.
2	Multiplying and dividing decimals	<ul style="list-style-type: none"> To multiply one-digit numbers with up to two decimal places by whole numbers. To use written division methods in cases where the answer has up to two decimal places. To solve problems which require answers to be rounded to specified degrees of accuracy.
3	Percentages, decimals and fractions	<ul style="list-style-type: none"> To solve problems involving the calculation of percentages of whole numbers or measures and the use of percentages for comparison. To recall and use equivalences between simple fractions, decimals and percentages, including different contexts.
4	Simple formulae	<ul style="list-style-type: none"> To express missing number problems algebraically. To use simple formulae expressed in words. To find pairs of numbers that satisfy number sentences involving two unknowns. To enumerate all possibilities of combinations of two variables.
5	Area and volume	<ul style="list-style-type: none"> To solve problems involving the calculation and conversion of units of measure, using decimal notation to three decimal places, where appropriate. To use read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit and vice versa, using decimal notation to three decimal places. To calculate the area of parallelograms and triangles. To recognise when it is necessary to use the formulae for area and volume of shapes.
6	Line graphs	<ul style="list-style-type: none"> To interpret and construct pie charts and line graphs and use these to solve problems.
Assess and review		<ul style="list-style-type: none"> To assess and review the half-term's work.