Maths Medium Term Planning - C5 Summer 2026
Curriculum

Strands Covered	Building Block	Y6 Key Objectives
Number and Place Value	• read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit • count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000 • add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) • add and subtract numbers mentally with increasingly large numbers • use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy • solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.	*Understand place value addition and subtraction of numbers with 3 decimal places.* *Multiply and divide by 10, 100 and 1000 (answers from 3 decimal places to 7-digit whole numbers).* *Round decimals to the nearest whole, tenth and hundredth.* *Use written addition to add numbers with 3 decimal places in the context of measures (litres, km, kg); Use rounding to estimate totals* *Use written addition to add numbers with 3 decimal places in the context of measures (litres, km, kg); Use rounding to estimate totals and round answers to give degree of accuracy.* *Use place value and table facts to multiply and divide numbers with up to 2 decimal places, e.g. 0.4 × 6, 3.5 ÷ 7, 5 × 0.03, 0.15 ÷ 3.* *Use partitioning to mentally multiply numbers with 1 and 2 decimal places e.g. 4 × 3.6 and 4 × 0.36.*
Ratio and Proportion Y6 only	• solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts • solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison • solve problems involving similar shapes where the scale factor is known or can be found • solve problems involving unequal sharing and grouping using knowledge of fractions and multiples	*Solve problems involving similar shapes where the scale factor is known; Find areas of triangles, rectangles and parallelograms.* *Solve problems involving similar shapes where the scale factor can be found.* *Solve problems involving rate.* *Use mental strategies (factors and multiples) to multiply by 5, 20, 6, 4 and 8; Solve scaling problems.* *Use mental strategies to divide by 5, 20, 6, 4 and 8; Solve scaling problems.*
Measurement	• convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre;	*Convert between grams and kilograms, millilitres and litres.* *Convert between metres and kilometres;*

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	gram and kilogram; litre and millilitre) ● understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints ● measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres ● calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm^2) and square metres (m^2) and estimate the area	*Know approximate conversion between miles and km;* *Know regularly-used imperial units and approximate metric equivalents.* *Calculate time intervals using the 24-hour clock and add lengths of time.* ● convert between miles and kilometres ● recognise that shapes with the same areas can have different perimeters and vice versa ● recognise when it is possible to use formulae for area and volume of shapes ● calculate the area of parallelograms and triangles ● calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm^3) and cubic metres (m^3), and extending to other units [for example, mm^3 and km^3] *Find the area of triangles.* *Find the area of parallelograms.* *Revise finding areas and perimeters of rectilinear shapes.* *Find volumes of cubes and cuboids.*
Data	● solve comparison, sum and difference problems using information presented in a line graph ● complete, read and interpret information in tables, including timetables ● interpret and construct pie charts and line graphs and use these to solve problems ● calculate and interpret the mean as an average.	*Convert between grams and kilograms, millilitres and litres.* *Draw a line graph and read intermediate points.* *Draw a conversion graph of imperial to metric units and use it to read equivalent measures.* *Read timetables using the 24-hour clock; Calculate time intervals (at least 3 hours).* *Interpret pie charts.* *Construct pie charts.* *Calculate and interpret the mean as an average.* *Calculate and interpret the mean as an average.*

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Ratio and Proportion	• solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts • solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison	*Describe ratios between unequal quantities, e.g. paint; Solve ratio problems, e.g. in the context of recipes.* *Solve problems involving unequal quantities.* *Find percentages, link to proportion.*
Revision	**Revision**	*Revision Menu A and B according to needs of class and following assessment in March (Y6 SAT)*