Maths Medium Term Planning
Year 5

Autumn Term

Week	Small Step Focus	Week	Small Step Focus
Week 1 (PV)	Step 1 Roman numerals to 1,000 Step 2 Numbers to 10,000 Step 3 Numbers to 100,000 Step 4 Numbers to 1,000,000 Step 5 Read and write numbers to 1,000,000	Week 8 (x & ÷)	Step 8 Multiply by 10, 100 and 1,000 Step 9 Divide by 10, 100 and 1,000 Step 10 Multiples of 10, 100 and 1,000
Week 2 (PV)	Step 6 Powers of 10 Step 7 10/100/1,000/10,000/100,000 more or less Step 8 Partition numbers to 1,000,000 Step 9 Number line to 1,000,000	Week 9 (Fractions)	Step 1 Find fractions equivalent to a unit fraction Step 2 Find fractions equivalent to a non-unit fraction Step 3 Recognise equivalent fractions
Week 3 (PV)	Step 10 Compare and order numbers to 100,000 Step 11 Compare and order numbers to 1,000,000 Step 12 Round to the nearest 10, 100 or 1,000 Step 13 Round within 100,000 Step 14 Round within 1,000,000	Week 10 (Fractions)	Step 4 Convert improper fractions to mixed numbers Step 5 Convert mixed numbers to improper fractions Step 6 Compare fractions less than 1
Week 4 (+ & -)	Step 1 Mental strategies Step 2 Add whole numbers with more than four digits Step 3 Subtract whole numbers with more than four digits Step 4 Round to check answers	Week 11 (Fractions)	Step 7 Order fractions less than 1 Step 8 Compare and order fractions greater than 1 Step 9 Add and subtract fractions with the same denominator

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Week 5 (+ & -)	Step 5 Inverse operations (addition and subtraction) Step 6 Multi-step addition and subtraction problems Step 7 Compare calculations Step 8 Find missing numbers	Week 12 (Fractions)	Step 10 Add fractions within 1 Step 11 Add fractions with total greater than 1 Step 12 Add to a mixed number Step 13 Add two mixed numbers
Week 6 (x & ÷)	Step 1 Multiples Step 2 Common multiples Step 3 Factors Step 4 Common factors	Week 13 (Fractions)	Step 14 Subtract fractions Step 15 Subtract from a mixed number Step 16 Subtract from a mixed number – breaking the whole Step 17 Subtract two mixed numbers
Week 7 (x & ÷)	Step 5 Prime numbers Step 6 Square numbers Step 7 Cube numbers	Week 14	**CONSOLIDATION**

Maths Medium Term Planning

Year 5

Spring Term

Week	Small Step Focus	Week	Small Step Focus
Week 1 (x & ÷)	Step 1 Multiply up to a 4-digit number by a 1-digit number Step 2 Multiply a 2-digit number by a 2-digit number (area model) Step 3 Multiply a 2-digit number by a 2-digit number Step 4 Multiply a 3-digit number by a 2-digit number	Week 7 (Decimals & Percentages)	Step 6 Thousandths as decimals Step 7 Thousandths on a place value chart Step 8 Order and compare decimals (same number of decimal places Step 9 Order and compare any decimals with up to 3 decimal places Step 10 Round to the nearest whole number
Week 2 (x & ÷)	Step 5 Multiply a 4-digit number by a 2-digit number Step 6 Solve problems with multiplication Step 7 Short division Step 8 Divide a 4-digit number by a 1-digit number	Week 8 (Decimals & Percentages)	Step 11 Round to 1 decimal place Step 12 Understand percentages Step 13 Percentages as fractions Step 14 Percentages as decimals
Week 3 (x & ÷)	Step 9 Divide with remainders Step 10 Efficient division Step 11 Solve problems with multiplication and division	Week 9 (Perimeter & Area)	Step 15 Equivalent fractions, decimals and percentage Step 1 Perimeter of rectangles Step 2 Perimeter of rectilinear shapes Step 3 Perimeter of polygons

Maths Medium Term Planning

Year 5

Week 4 (Fractions)	Step 1 Multiply a unit fraction by an integer Step 2 Multiply a non-unit fraction by an integer Step 3 Multiply a mixed number by an integer Step 4 Calculate a fraction of a quantity	Week 10 (Perimeter & Area)	Step 4 Area of rectangles Step 5 Area of compound shapes Step 6 Estimate area
Week 5 (Fractions)	Step 5 Fraction of an amount Step 6 Find the whole Step 7 Use fractions as operators	Week 11 (Statistics)	Step 1 Draw line graphs Step 2 Read and interpret line graphs Step 3 Read and interpret tables
Week 6 (Decimals & Percentages)	Step 1 Decimals up to 2 decimal places Step 2 Equivalent fractions and decimals (tenths) Step 3 Equivalent fractions and decimals (hundredths) Step 4 Equivalent fractions and decimals Step 5 Thousandths as fractions	Week 12 (Statistics)	Step 4 Two-way tables Step 5 Read and interpret timetables

Maths Medium Term Planning
Year 5

Summer Term

Week	Small Step Focus	Week	Small Step Focus
Week 1 (Shape)	Step 1 Understand and use degrees Step 2 Classify angles Step 3 Estimate angles Step 4 Measure angles up to 180°	Week 6 (Decimals)	Step 5 Subtract decimals with the same number of decimal places Step 6 Add decimals with different numbers of decimal places Step 7 Subtract decimals with different numbers of decimal places Step 8 Efficient strategies for adding and subtracting decimal
Week 2 (Shape)	Step 5 Draw lines and angles accurately Step 6 Calculate angles around a point Step 7 Calculate angles on a straight line Step 8 Lengths and angles in shapes	Week 7 (Decimals)	Step 9 Decimal sequences Step 10 Multiply by 10, 100 and 1,000 Step 11 Divide by 10, 100 and 1,000 Step 12 Multiply and divide decimals – missing values
Week 3 (Shape) (Position & Direction)	Step 9 Regular and irregular polygons Step 10 3-D shape Step 1 Read and plot coordinates Step 2 Problem solving with coordinates	Week 8 (Negative Numbers)	Step 1 Understand negative numbers Step 2 Count through zero in 1s Step 3 Count through zero in multiples Step 4 Compare and order negative numbers Step 5 Find the difference
Week 4 (Position &	Step 3 Translation Step 4 Translation with coordinates Step 5 Lines of symmetry Step 6 Reflection in horizontal and vertical lines	Week 9 (Converting Units)	Step 1 Kilograms and kilometres Step 2 Millimetres and millilitres Step 3 Convert units of length

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Direction)			
Week 5 (Decimals)	Step 1 Use known facts to add and subtract decimals within 1 Step 2 Complements to 1 Step 3 Add and subtract decimals across 1 Step 4 Add decimals with the same number of decimal places	Week 10 (Converting Units)	Step 4 Convert between metric and imperial units Step 5 Convert units of time Step 6 Calculate with timetable
		Week 11 (Volume)	Step 1 Cubic centimetres Step 2 Compare volume Step 3 Estimate volume Step 4 Estimate capacity
		Week 12	**CONSOLIDATION**