



Year 5 Long Term Plan

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Autumn Block 1: Place Value <ul style="list-style-type: none"> • Roman numerals to 1,000 • Numbers to 10,000 • Numbers to 100,000 • Numbers to 1,000,000 • Read and write numbers to 1,000,000 • Powers of 10 • 10/100/1,000/10,000/100,000 more or less • Partition numbers to 1,000,000 • Number line to 1,000,000 • Compare and order numbers to 100,000 • Compare and order numbers to 1,000,000 • Round to the nearest 10, 100 or 1,000 • Round within 100,000 • Round within 1,000,000 			Autumn Block 2: Addition and Subtraction <ul style="list-style-type: none"> • Mental strategies • Add whole numbers with more than four digits • Subtract whole numbers with more than four digits • Round to check answers • Inverse operations (addition and subtraction) • Multi-step addition and subtraction problems • Compare calculations • Find missing numbers 		Autumn Block 3: Multiplication and division A <ul style="list-style-type: none"> • Multiples • Common multiples • Factors • Common factors • Prime numbers • Square numbers • Cube numbers • Multiply by 10, 100 and 1,000 • Divide by 10, 100 and 1,000 		Autumn Block 4: Fractions A <ul style="list-style-type: none"> • Find fractions equivalent to a unit fraction • Find fractions equivalent to a non-unit fraction • Recognise equivalent fractions • Convert improper fractions to mixed numbers • Convert mixed numbers to improper fractions • Compare fractions less than 1 • Order fractions less than 1 • Compare and order fractions greater than 1 • Add and subtract fractions with the same denominator • Add fractions within 1 • Add fractions with total greater than 1 • Add to a mixed number • Add two mixed numbers • Subtract fractions • Subtract from a mixed number • Subtract from a mixed number – breaking the whole • Subtract two mixed numbers 				



Spring	Spring Block 1: Multiplication and division B <ul style="list-style-type: none">• Multiply up to a 4-digit number by a 1-digit number• Multiply a 2-digit number by a 2-digit number (area model)• Multiply a 2-digit number by a 2-digit number• Multiply a 3-digit number by a 2-digit number• Multiply a 4-digit number by a 2-digit number• Solve problems with multiplication• Short division• Divide a 4-digit number by a 1-digit number• Divide with remainders• Efficient division• Solve problems with multiplication and division	Spring Block 2: Fractions B <ul style="list-style-type: none">• Multiply a unit fraction by an integer• Multiply a non-unit fraction by an integer• Multiply a mixed number by an integer• Calculate a fraction of a quantity• Fraction of an amount• Find the whole• Use fractions as operators	Spring Block 3: Decimals and percentages <ul style="list-style-type: none">• Decimals up to 2 decimal places• Equivalent fractions and decimals (tenths)• Equivalent fractions and decimals (hundredths)• Equivalent fractions and decimals• Thousandths as fractions• Thousandths as decimals• Thousandths on a place value chart• Order and compare decimals (same number of decimal places)• Order and compare any decimals with up to 3 decimal places• Round to the nearest whole number• Round to 1 decimal place• Understand percentages• Percentages as fractions• Percentages as decimals• Equivalent fractions, decimals and percentages	Spring Block 4: Perimeter and area <ul style="list-style-type: none">• Perimeter of rectangles• Perimeter of rectilinear shapes• Perimeter of polygons• Area of rectangles• Area of compound shapes• Estimate area	Spring Block 5: Statistics <ul style="list-style-type: none">• Draw line graphs• Read and interpret line graphs• Read and interpret tables• Two-way tables• Read and interpret timetables
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Summer	Summer Block 1: Shape <ul style="list-style-type: none">• Understand and use degrees• Classify angles• Estimate angles• Measure angles up to 180°• Draw lines and angles accurately• Calculate angles around a point• Calculate angles on a straight line• Lengths and angles in shapes• Regular and irregular polygons• 3-D shapes	Summer Block 2: Position and direction <ul style="list-style-type: none">• Read and plot coordinates• Problem solving with coordinates• Translation• Translation with coordinates• Lines of symmetry• Reflection in horizontal and vertical lines	Summer Block 3: Decimals <ul style="list-style-type: none">• Use known facts to add and subtract decimals within 1• Complements to 1• Add and subtract decimals across 1• Add decimals with the same number of decimal places• Subtract decimals with the same number of decimal places• Add decimals with different numbers of decimal places• Subtract decimals with different numbers of decimal places• Efficient strategies for adding and subtracting decimals• Decimal sequences• Multiply by 10, 100 and 1,000• Multiply and divide decimals – missing values	Summer Block 4: Negative numbers <ul style="list-style-type: none">• Understand negative numbers• Count through zero in 1s• Count through zero in multiples• Compare and order negative numbers• Find the difference	Summer Block 5: Converting units <ul style="list-style-type: none">• Kilograms and kilometres• Millimetres and millilitres• Convert units of length• Convert between metric and imperial units• Convert units of time• Calculate with timetables	Summer Block 6: Volume <ul style="list-style-type: none">• Cubic centimetres• Compare volume• Estimate volume• Estimate capacity
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