

Year 6 Maths Learning 2024/25

Week / Term	AM / PM	1	2	3	4	5	6	7	8	9	10	11	12
Autumn	AM	Number: Place Value		Number: Addition, Subtraction, Multiplication and Division				Number: Fractions					
Spring	AM	Number: Decimals		Number: Fractions, Decimals and Percentages		Number: Ratio		Assessment	Number: Algebra		Geometry: Shape		
	Monday PM	Measure: converting units							Measure: Area, perimeter and volume				
	Tuesday PM	Statistics							Geometry: Position and Direction				
Summer	AM	Consolidation			Assessment		Investigations						

Maths Small Steps: Year 6 Autumn Term

Number: Place Value	Number: Four Operations including Decimal	Number: Fractions	Number: Ratio
<ul style="list-style-type: none"> • Numbers to ten million • Compare an order any number • Round any numbers • Negative numbers 	<ul style="list-style-type: none"> • Reasoning from known facts • Multiply up to 4-digit by 1-digit number • Short division. • Division using factors • Long division • Common factors • Common multiples • Primes • Squares and cubes • Order of operations • Mental calculations and estimation • Reasoning from known facts • Add and subtract whole numbers • Three decimal places • Multiply by 10, 100 and 1,000 • Divide by 10, 100 and 1,000 • Multiply decimals by integers • Divide decimals by integers • Division to solve problems 	<ul style="list-style-type: none"> • Simplify fractions • Fractions on a number line • Compare & order (denominator) • Compare & order (numerator) • Adding fractions • Subtracting fractions • Mixed addition and subtraction • Multiply fractions by integers • Multiply fractions by fractions • Divide fractions by integers • Four rules with fractions • Fraction of an amount • Finding the whole • Decimals as fractions • Fractions to decimals 	<ul style="list-style-type: none"> • Use ratio language • Ratio and fractions • Introducing the ratio symbol • Calculating ratio • Using scale factors • Calculating scale factors • Ratio and proportion

Maths Small Steps: Year 6 Spring Term

Number: Algebra	Number: Percentages	Geometry: Properties of shape and position & direction	Measurement: converting units, perimeter, volume, area	Number: Statistics
<ul style="list-style-type: none"> • Use an algebraic rule • Substitution • Formulae • Word problems • Solve simple one step equations • Solve two step equations • Find pairs of values • Enumerate Possibilities 	<ul style="list-style-type: none"> • Fractions to percentages • Equivalent FDP • Percentage of an amount • Percentages missing values • Percentage increase and decrease • Order FDP 	<ul style="list-style-type: none"> • Measure with a protractor • Introduce angles • Calculate angles • Vertically opposite angles • Angles in a triangle • Coordinates in the first quadrant • Coordinate in four quadrants • Translations • Reflections 	<ul style="list-style-type: none"> • Metric measures • Convert metric measures • Calculate with metric measures • Miles and kilometres • Imperial measures • Shapes same area • Area and perimeter • Area of a parallelogram • Volume counting cubes • Volume of a cuboid 	<ul style="list-style-type: none"> • Read and interpret line graphs • Draw line graphs • Use line graphs to solve problems • Circles • Read and interpret pie charts • Pie charts with percentages • Draw pie charts • The mean