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Maths Small Steps: Year 6 Autumn Term

Number: Place Value	Number: Four Operations including Decimal	Number: Fractions	Number: Ratio
• Numbers to ten million • Compare an order any number • Round any numbers • Negative numbers	• 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	• 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	• 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
• Use an algebraic rule • Substitution • Formulae • Word problems • Solve simple one step equations • Solve two step equations • Find pairs of values • Enumerate Possibilities	• Fractions to percentages • Equivalent FDP • Percentage of an amount • Percentages missing values • Percentage increase and decrease • Order FDP	• 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	• 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	• Use line graphs to solve problems • Draw line graphs • Read and interpret line graphs • Circles • Read and interpret pie charts • Pie charts with percentages • Draw pie charts • The mean