Spring Term Year 6	Place Value	Addition and Subtraction Multiplication and Division	Fractions	Decimals + Ratio	Percentages	Algebra	Measurements	Properties of Shapes + Position and Direction	Statistics
WRM Small Steps	• Round any numbers • Negative number	• Common factors • Common multiples • Primes • Squares and cubes • Order of operations • Mental calculations and estimations • Reasoning from known facts.	• Multiply fractions by integers • Multiply fractions by fractions • Divide fractions by integers 1 • Four rules with fractions • Fractions of amount • Finding the whole	• Divide decimals by integers • Division to solve problems • Decimals as fractions • Fractions to decimals • Use ratio language • Ratio and fractions • Introducing the ratio symbol • Calculating ratio	• Percentages-missing values • Percentages increase and decrease • Order FDP	• Find a rule-one step • Find a rule-two step • Use an algebraic rule • Substitution • formulae	• Metric measurements • Convert metric measures • Calculate with metric measures • Miles and kilometres • Imperial measures	• Coordinates in the first quadrant • Coordinates in four quadrants • Translation • Reflections • Introduce angles • Calculate angles • Vertically opposite angles • Angles in triangles • Angles in triangles-special cases • Angles in triangles-missing angles	• Read and interpret line graphs • Draw line graphs • Use line graphs to solve problems.
NC Links	• Round any whole number to a required degree of accuracy. • Use negative numbers in context and calculate intervals	• Identify common factors, common multiples and prime numbers. • Perform mental calculations, including with mixed operations and large numbers. • Use their knowledge of the order of operations to carry out calculations	• Multiply simple pairs of proper fractions, writing the answer in its simplest form. • Divide proper fractions by whole numbers	• Use written division methods in cases where the answer has up to 2 decimal places. • Solve problems which require answers to be rounded to specified	• Solve problems involving the calculation of percentages and the use of percentages for comparison. • Recall and use equivalences between simple fractions,	• Use simple formulae. • Generate and describe linear number sequences.	• Solve problems involving the calculation and conversion of units of measure. • Use, read, write and convert between standard units, converting measurements.	• Describe positions on the full coordinate grid. • Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.	• Interpret and construct line graphs and use them to solve problems.

	across zero.	involving the four operations. • Use estimation to check answers to calculations and determine in the context of a problem, an appropriate degree of accuracy.		degrees of accuracy.	decimals and percentages including in different contexts.				