Spring Term Year 5	Place Value	Addition and Subtraction	Multiplication and Division	Fractions	Decimals and Percentages	Measurements	Properties of Shapes	Statistics
WRM Small Steps	• Roman numerals to 1,000. • Round to the nearest 10, 100 and 1000. • Round numbers within 100,000. • Round numbers to a million. • Negative numbers.	• Round to estimate and approximate. • Multi-step addition and subtraction problems.	• Multiply 4-digits by 1-digit. • Multiply 2-digits (area model). • Multiply 2-digits by 2-digits. • Multiply 3-digits by 2-digits. • Multiply 4-digits by 2-digits	• Number sequences. • Add fractions within 1. • Add 3 or more fractions. • Add fractions. • Add mixed numbers.	• Decimals up to 2 d.p. • Decimals as fractions (1). • Decimals as fractions (2). • Understand thousandths. • Thousands as decimals. • Rounding decimals. • Order and compare decimals. • Understand percentages. • Percentages as fractions and decimals. • Equivalent F.D.P.	• Kilograms and kilometres. • Milligrams and millilitres. • Metric units. • Imperial units. • Converting units of time. • Timetables	• Calculating angles on a straight line. • Calculating angles around a point. • Calculating lengths and angles in shapes. • Regular and irregular polygons. • Reasoning about 3D shapes.	• Read and interpret line graphs. • Draw line graphs. • Use line graphs to solve problems. • Read and interpret tables. • Two way tables. • Timetables.
NC Links	• Read Roman numerals to 1000 (M) and recognise years written in	• Use rounding to check answers to calculations and determine, in the context of a	• Multiply and divide numbers mentally drawing upon known facts. • Multiply numbers up to 4 digits by a	• Add and subtract fractions with the same denominator and denominators that	• Read, write, order and compare numbers with up to three decimal places.	• Convert between different units of metric measure [for example, km and	• Identify 3D shapes, including cubes and other cuboids, from 2D	• Solve comparison, sum and difference problems using information presented in a line

	Roman numerals • Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000. • Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero.	problem, levels of accuracy. • Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.	one or two digit number using a formal written method, including long multiplication for 2 digit numbers	are multiples of the same number.	• Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents. • Round decimals with two decimal places to the nearest whole number and to one decimal place. • Solve problems involving number up to three decimal places. • Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal.	m; cm and m; cm and mm; g and kg; l and ml]. • Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints. • Solve problems involving converting between units of time.	representations. • Use the properties of rectangles to deduce related facts and find missing lengths and angles. • Distinguish between regular and irregular polygons based on reasoning about equal sides and angles. • Draw given angles, and measure them in degrees. • Identify: angles at a point and one whole turn (total 360°), angles at a point on a straight line and ½ a turn (total 180°) other multiples of 90°.	graph. • Complete, read and interpret information in tables including timetables.

					• Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 2			