

<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
<u>Place value</u> Read, write and compare numbers to 1,000,000 SNPV-2 Recognise value of each digit with up to 2 decimal places compose standard decompose non-standard	<u>Multiplication/division</u> SMD-1 X and ÷ numbers by 10 and 100; recognise this as 10 or 100 times the size, or 1 tenth or 1 hundredth times the size.	<u>Multiplication and division consolidation.</u>	<u>Fractions</u> Recognise %. Write % as a fraction and a decimal. Solve problems which need % and decimal equivalents.	<u>Geometry</u> 5G-2 Compare areas and calculate the area of rectangles (including squares) using standard units cm ² and m ² . Problem solving and calculating missing lengths.	<u>Statistics</u> Solve comparison, sum and difference problems using line graphs. Complete, read and interpret tables and timetables.
<u>Place value</u> Count forwards and backwards with positive and negative numbers. Add and subtract numbers mentally.	<u>Multiplication</u> SMD-3 Multiply any whole number by any one-digit number using a formal written method. Number facts SNF-1 Secure fluency in x and ÷ facts. X and ÷ mentally using x table facts.	<u>Fractions</u> Identify, name and write equivalent fractions. Multiply fractions. SF-2 Find equivalent fractions recognising their same value and their same position in the number system.	<u>Fractions consolidation.</u>	<u>Geometry</u> 5G-1 Compare angles, estimate and measure angles in degrees (°) and draw angles of a given size. Find missing angles.	<u>Place value</u> Read Roman numerals to 1000 (M). Recognise years written in Roman numerals.
<u>Place value</u> Round numbers to nearest 10,100,1000,10,000,100,000. SNPV-3 Reason about the location of any number with up to 2 decimals places. Solve number and practical problems.	<u>Division</u> SMD-4 Divide a number with up to 4 digits by a one-digit number using a formal written method, and interpret remainders. <u>Fractions</u> SF-1 Find non-unit fractions of quantities.	<u>Fractions</u> Compare and order fractions. Add and subtract fractions. Recognise mixed numbers and improper fractions converting between.	<u>Place value/measure</u> Convert between different units of metric measure SNPV-5 Convert between units of measure, including decimals and fractions.	<u>Geometry</u> Position and direction Identify, describe and represent the position of a shape after a reflection or translation.	<u>Multiplication/division</u> SMD-1 Multiply/divide whole numbers by 10 and 100. Multiply and divide whole numbers and decimals by 10, 100 and 1000
<u>Addition</u> More than 4 digit formal method Use rounding to check answers and accuracy. Multi-step problems.	<u>Place value</u> Count forward or backward in steps of powers of 10. Recognise and use (2) and (3) numbers with prob. solving.	<u>Place value</u> Read scales marked with 2, 4, 5 or 10 intervals. <u>Fractions</u> SF-3 Recall decimal fraction equivalents for ½, ¼, ⅓ and 1/10, and multiples of these.	<u>Measure</u> Use equivalences for imperial units. Estimate volume and capacity.	<u>Geometry</u> Identify 3D shapes from 2D representations Distinguish between regular and irregular polygons. Use properties to find missing lengths.	<u>Measure</u> Use all four operations to solve measure problems using decimals and scaling.
<u>Subtraction</u> More than 4 digit formal method Use rounding to check answers and accuracy. Multi-step problems.	<u>Multiplication/division</u> SMD-2 Find factors and multiples of positive whole numbers. Use and establish prime numbers recall up to 19.	<u>Fractions</u> Read and write decimal numbers as fractions - use thousandths. Round decimals with 2 decimal places.	<u>Measure/ Geometry</u> Measure and calculate perimeter in cm and m. Calculate missing lengths. Problem solving.	<u>Geometry consolidation.</u>	<u>Multiplication and division</u> Solve problems using knowledge of factors, multiples, squares and cubes.
<u>Place value</u> SNPV-1 Know that 10 tenths = 1 one, 100 hundredths = 1 one and that 10 hundredths = 1 tenth.	<u>Number facts</u> SNF-2 Apply place-value to known additive and multiplicative number facts (scaling facts by 1 tenth or 1 hundredth).	<u>Fractions</u> Read, write and compare numbers with 3 decimal places. Solve problems -3 decimal places.		<u>Measure</u> Solve problems converting between units of time.	<u>Summer term consolidation.</u>
<u>Place value, addition and subtraction consolidation.</u>	<u>Multiplication</u> Multiply numbers up to 4 digits including long multiplication for 2 digit numbers. Problem solving.				