



Year 4 Maths

This programme will be split into 3 terms over the course of the year.

<u>Week</u>		
	<u>Term 1 Autumn</u>	
1 - 5	Place Value • Reading and writing 4-digit numbers • Comparing numbers beyond 1000 using < > signs and using place value • +/- 1, 10, 100, 1000 using place value • Count in multiples of 25 and 1000 • Rounding 3-digit numbers to 10/100/1000 • Read and write Roman Numerals up to 100 (C)	
	Place Value Assessment	
6 - 8	Addition and Subtraction • Count backwards through 0 to negative numbers • Column addition and subtraction 4-digits • Using inverse, rounding, estimating to check answers and find missing values	
	Addition and Subtraction Assessment	
9 - 15	Multiplication and Division • 6, 7, 9, 11 and 12 x tables and patterns • Using place value and times tables to solve different problems ($\times 0$, $\times 1$, $\div 1$, 300×20) • Factors and common factors • Multiplication using grid method and moving onto expanded method including calculation with money and measure • Division using the chunking method and fact box, including calculation with money and measure • X and divide by 10, 100, 1000 using place value	
	Multiplication and Division Assessment	
16-17	<u>Assessment on week 1-15 and 2 week Christmas period</u>	



Term 2 Spring

18-26	Fractions and Decimals • Equivalent fractions / simplifying fractions using common factors • Counting forwards and backwards in tenths and hundredths and linking to dividing by 10/100 • Recognising equivalence of fractions in tenths and hundredths to decimals and using this to convert and compare • Decimal equivalent for $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{3}{4}$ • Understanding and comparing decimals and fractions where whole numbers are also present • Round decimals to the nearest whole number • Fraction of number (including of measure and money) • Adding and subtracting fractions with the same denominator	
	Fraction and Decimals Assessment	
27-29	Area and Perimeter • Measure and calculate the perimeter of rectilinear shapes in cm and m • Find the area by counting squares • Calculate the perimeter from given measurements and find missing sides Measure • Convert between different units of measure	
	Area, Perimeter and Measure Assessment	
30-31	<u>Assessment on week 1-29 and 2 week Easter period</u>	



Term 3 Summer

32-35	Time • Read digital time as analogue, and analogue as digital • Understand 24 hour clock and how to read this as analogue, using am/pm • Convert periods of time including weeks, months and years • Time facts including days in each month • Calculate time problems using a number line	
	Time Assessment	
36-42	2D shape and Angles • Names all 2D shapes including different types of triangles and quadrilaterals • Properties of different triangles and quadrilaterals • Regular and irregular shapes • Compare and order angles by size and using a protractor to measure • Lines of symmetry • Complete a symmetrical drawing	

	3D shape - Names and properties recap Geometry, Position and Direction - Plot and write coordinates in a one-quadrant graph - Translate shapes following instructions											
	2D, 3D Shape, Geometry, Position and Direction Assessment											
43-44	Money - Convert £ and p - Compare different amounts of money - Addition of money and subtraction for change											
	Money Assessment											
45	Data Handling and Statistics - Continuous data / line graphs - Analyse and interpret line graphs											
46-47	Assessment on week 1-45 and 2 week Summer period											
48-52	 Refreshers covering the main topics and preparation for Year 5 <table><tr><th>Refresher</th><th>Refresher</th><th>Refresher</th><th>Refresher</th><th>Refresher</th></tr><tr><td colspan="5">We will release two refresher videos per week with supporting activities to help you recap on the main content of the programme for the year. This will help to prepare your child, and increase their confidence, for moving year groups in September.</td></tr></table>	Refresher	Refresher	Refresher	Refresher	Refresher	We will release two refresher videos per week with supporting activities to help you recap on the main content of the programme for the year. This will help to prepare your child, and increase their confidence, for moving year groups in September.					
Refresher	Refresher	Refresher	Refresher	Refresher								
We will release two refresher videos per week with supporting activities to help you recap on the main content of the programme for the year. This will help to prepare your child, and increase their confidence, for moving year groups in September.												