Year 3 – Maths Curriculum Overview 2023-2024

Autumn Term		
Place Value	Addition and Subtraction	Multiplication and Division A
• Count from 0 in multiples of 4,8, 50 and 100 Find 10 or 100 more or less than a given number; • Identify, represent and estimate numbers using different representations. • Read and write numbers up to 1000 in numerals and in words. • Recognise the place value of each digit in a three digit number (hundreds, tens, ones). • Compare and order numbers up to 1000 • Solve number problems and practical problems involving these ideas.	• Add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens; a three digit number and hundreds. • Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction. • Estimate the answer to a calculation and use inverse operations to check answers. • Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.	• Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables. • Write and calculate mathematical statements for multiplication and division using the multiplication tables they know • including for two-digit numbers times one-digit numbers, using mental methods and progressing to formal written methods

Spring Term			
Multiplication and Division B	Length and Perimeter	Mass and Capacity	Fractions A
• Multiplication and Division • Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit numbers times one-digit numbers, using mental methods	• Measure, compare, add and subtract: lengths (m/cm/mm); • Measure the perimeter of simple 2D Shapes • Addition and subtraction in different contexts.	• Measure compare, add and subtract lengths mass (kg/g) volume and capacity(l/ml)	• Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 • Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators • Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators • Solve problems that involve all of the above.

Summer Term				
Fractions B	Money	Time	Shape	Statistics
• Recognise and show, using diagrams, equivalent fractions with small denominators • Compare and order unit fractions, and fractions with the same denominators • Add and subtract fractions with the same denominator within one whole • Solve problems that involve all of the above	• Add and subtract amounts of money to give change both in £ and p in practical contexts.	• Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks. • Estimate and read time with increasing accuracy to the nearest minute. • Record and compare time in terms of seconds, minutes and hours. • Use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight. • Know the number of seconds in a minute and the number of days in each month, year and leap year. • Compare durations of events [for example calculate the time taken by particular events or tasks	• Recognise angles as a property of shape or a description of a turn. • Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; • identify whether angles are greater than or less than a right angle. • Identify horizontal lines and vertical lines and pairs of perpendicular and parallel lines • Draw 2D shapes • Make 3D shapes using modelling materials in different orientations and describe them	• Interpret and present data using bar charts, pictograms and tables • solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.