Maths Medium Term Plan 2021-2022: Y3

Autumn 1 (7 weeks)	Autumn 2 (7 weeks)
Year 3.1 Place Value o Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number o Recognise the place value of each digit in a three-digit number (hundreds, tens ones) o Compare and order numbers to 1000, including measures (lengths mm/cm/m, mass kg/g, volume/capacity l/ml) o Identify, represent and estimate numbers using different representations (including reading scales to read measures: length, mass, volume, capacity) o Read and write numbers up to 1000 in numerals and words **Year 3.12 Statistics** o Interpret and present data using bar charts, pictograms and tables o Solve one-step and two-step questions using information presented in scaled bar charts, pictograms and tables	**Year 3.2 Addition and subtraction** o Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction o Use inverse operations to check answers o Solve problems, including missing number problems, using number facts, place value and more complex addition and subtraction o Add and subtract lengths (m/cm/mm), mass (kg/g) and capacity/volume (l/ml) **Year 3.9 Money** o Add and subtract money to give change (£ and p)

Spring 1 (6 weeks)	Spring 2 (6 weeks)
Year 3.3 Multiplication and division o Recall and use multiplication and division facts for the 3, 4 and 8 times tables o Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods o Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems o Solve problems in the context of measure (length, mass, capacity/volume)	**Year 3.4 Fractions** o 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 o Recognise, find and write fractions of a discrete set of objects o Recognise and show, using diagrams, equivalent fractions with small denominators o Add and subtract fractions with the same denominator within one whole

Summer 1 (6 weeks)	Summer 2 (7 weeks)
Year 3.8 Time o Tell and write the time from an analogue clock o Estimate and read time with increasing accuracy to the nearest minute; record and compare times in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and night	**Year 3.6 Shape** o Identify and draw simple 2D shapes and measure their perimeter o Recognise 2D and 3D shapes in different orientations o Recognise angles as a property of a shape of as a description of a turn

o Compare durations of events	**Year 3.5 Position and Direction** o 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 o Identify horizontal, vertical, perpendicular and parallel lines