Year 3 Maths Overview

We are currently updating our curriculum overviews for the next academic year.
The overview will be adapted before September 2022 to reflect the full year of learning.

'With each small step the Lord guides me to the best that I can be'

	Week	Mental Maths	Maths Curriculum
HT4	5	**Assessment Week** 8 Times Tables	*Pre-Assessment of Y2 Fractions to take place* Year 2 Fractions • Recognise, find, name and write fractions 1/3, 1/4, 2/4 and 3/4 of a length, shape, set of objects or quantity • Write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2.
	6	8 Times Tables Counting forwards and backwards.	Year 3 Fractions • 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

	Week	Mental Maths	Maths Curriculum
HT5	1	Counting in tenths Counting forwards and backwards.	Year 3 Fractions • 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 and show, using diagrams, equivalent fractions with small denominators • Add and subtract fractions with the same denominator within one whole [for example, 5/7 + 1/7 = 6/7] • Compare and order unit fractions, and fractions with the same denominators • Solve problems that involve all of the above
	2	3 Times Tables Counting forwards and backwards.	
	3	4 Times Tables Counting forwards and backwards.	*Pre-Assessment of Y2 Measurement (Length) to take place*
	4	8 Times Tables Counting forwards and backwards.	Year 2 Measurement (Length) • Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm) • Compare and order lengths and record the results using >, < and =

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	Week	Mental Maths	Maths Curriculum
	5	Counting in 50s and 100s Counting forwards and backwards.	**Year 3 Measurement (Length and Perimeter)** • Measure, compare, add and subtract: lengths (m/cm/mm) • Measure the perimeter of simple 2-D shapes
	6	Times Tables Consolidation, counting in multiples of 50, 100 and tenths forwards and backwards.	**Consolidation Week** • Year 2 Fractions • Year 3 Fractions • Year 2 Measurement • Year 3 Measurement *Pre-assessment of Y2 shape to take place*
Week		**Mental Maths**	**Maths Curriculum**
HT6	1	Using the inverse operation to calculate division facts	**Year 2 Properties of Shapes** • Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line • Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces • Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid] • Compare and sort common 2-D and 3-D shapes and everyday objects. **Year 2 Position and Direction** • Order and arrange combinations of mathematical objects in patterns and sequences • Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anticlockwise).
	2	**Assessment Week** Derive related facts from multiplication tables. E.g. 30 x 2 = 60 because I know 3 x 2 = 6.	**Year 3 Properties of Shapes** • Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them • 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 and vertical lines and pairs of perpendicular and parallel lines.

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			Pre-assessment of Y2 Mass and Capacity to take place
	3	Basic mental addition strategies, including addition with money	Year 2 Measurement (Mass and Capacity) • Choose and use appropriate standard units to estimate and measure mass (kg/g) and capacity (litres/ml) to the nearest appropriate unit, using rulers, scales and measuring vessels • Compare and order mass, volume/capacity and record the results using >, < and = Year 3 Measurement (Mass and Capacity) • Measure, compare, add and subtract mass (kg/g) and volume/capacity (l/ml) *Pre-assessment of Y1 and Y2 Time to take place*
	4	Basic mental subtraction strategies, including addition with money	Year 1 Time • Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. Year 2 Time • Compare and sequence intervals of time • Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times • Know the number of minutes in an hour and the number of hours in a day.
	5	Finding halves and doubles	
	6	Time taken between events e.g. Journey to school takes 15 minutes, I arrive at 8:15, what time did I set off from my house?	Year 3 Time • 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, a.m./p.m., 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 to calculate the time taken by particular events or tasks]