Trimley St Mary Primary School – Maths Long Term Plan - Year 3

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn Term	**Number - Place value**			**Number - Addition & Subtraction**					**Multiplication & 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					• count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number • 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 that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods			
Spring Term	**Multiplication & Division B**			**Measurement Length & Perimeter**			**Number Fractions**			**Measurement Mass & Capacity**		
	• 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 that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods • solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects			• measure, compare, add and subtract: lengths (m/cm/mm) • measure the perimeter of simple 2-D shapes			• 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 • recognise and show, using diagrams, equivalent fractions with small denominators • compare and order unit fractions, and fractions with the same denominators • solve problems that involve all of the above		• measure, compare, add and subtract: mass (kg/g); volume/capacity (l/ml)		
Summer Term	**Number Fractions**		**Measurement Money**	**Measurement Time**			**Geometry Shape**		**Statistics**			**Consolidation**
	• add and subtract fractions with the same denominator within one whole [for example, 5 7 + 1 7 = 6 7]		• add and subtract amounts of money to give change, using both £ 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			• draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes 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		

	• solve problems that involve all of the above		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]	• 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	more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables	