Trimley St Mary Primary School – Maths Long Term Plan - Year 2

	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**					**Geometry** **Shape**		
	• count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward • read and write numbers to at least 100 in numerals and in words • identify, represent and estimate numbers using different representations, including the number line • recognise the place value of each digit in a two-digit number (tens, ones) • compare and order numbers from 0 up to 100; use < > and = signs • use place value and number facts to solve problems				• add and subtract numbers using concrete objects, pictorial representations, and mentally, including: ➢ a two-digit number and ones ➢ a two-digit number and tens ➢ two two-digit numbers ➢ adding three one digit numbers • solve problems with addition and subtraction: ➢ using concrete objects and pictorial representations, including those involving numbers, quantities and measures ➢ applying their increasing knowledge of mental and written methods • show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot • recognise and use the inverse relationships between addition and subtraction and use this to check calculations an solve missing number problems					• identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line • 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 shapes and everyday objects • recognise and name common 3- D shapes [for example, cuboids (including cubes), pyramids and spheres] • compare and sort common 3-D shapes and everyday objects		
Spring Term	**Measurement - Money**		**Number** **Multiplication & Division**					**Measurement** **Length & Height**		**Measurement** **Mass, capacity & temperature**		
	• recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value • find different combinations of coins that equal the same amounts of money • solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change		• recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers • show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot • calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs • solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts					• choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm) to the nearest appropriate unit, using rulers/ metre rulers • compare and order lengths & heights and record the results using >, < and =		• choose and use appropriate standard units to estimate and measure mass (kg/g); temperature (℃); capacity (litres/ml) to the nearest appropriate unit, using scales, thermometers and measuring vessels		
Summer Term	**Number** **Fractions**				**Measurement** **Time**			**Statistics**		**Geometry** **Position & Direction**		Consolidation
	• recognise, find, name and write fractions 1/ 3 , 1/ 4 , 2/ 4 and 3/ 4 of a length, shape, set of objects or quantity				• compare and sequence intervals of time • tell and write the time to five minutes, including quarter past/to the hour and draw			• interpret and construct simple pictograms, tally charts, block diagrams and simple tables		• order and arrange combinations of		

	• Recognise the equivalence of 2/4 and ½ • write simple fractions for example, ½ of 6 = 3, and recognise the equivalence of 2/4 and ½	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	• ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity • ask and answer questions about totalling and comparing categorical data	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)	