St Peter's CE (VA) Primary School

Year 2 Long Term Maths Plan – Mastery Curriculum

	Wk 1	Wk 2	Wk 3	Wk 4	Wk 5	Wk 6	Wk 7	Wk 8	Wk 9	Wk 10	Wk 11	Wk 12	Wk 13	Wk 14	Wk 15
Autumn		**N1** Number: Place Value			**N2** Number: Addition and Subtraction					**M1** Measurement: Money		**N3** Number: Multiplication and Division	Consolidation		
Spring	**N4** Number: Multiplication and Division				**S1** Statistics		**G1** Geometry: properties of Shape			**N5** Number: Fractions					
Summer	**M2** Measurement: length and Height		**G2** Geometry: Position and Direction		Consolidation and problem solving		**M3** Measurement: Time		**M4** Measurement: mass, capacity and Temperature			Consolidation			

Adapted from White Rose maths

Year 2							
N1	Number: Place Value (3wks)	**A** read and write numbers to at least 100 in numerals and in words	**B** recognise the place value of each digit in a two-digit number (tens, ones)	**C** identify, represent and estimate numbers using different representations, including the number line	**D** compare and order numbers from 0 up to 100; use <, > and = signs	**E** use place value and number facts to solve problems	**F** count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward
N2	Number: Addition and subtraction (5wks)	**A** recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100	**B** 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	**C** show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot	**D** 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	**E** recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems	
N3	Number: Multiplication and Division (2wks)	recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers	**B** calculate mathematical statements for multiplication within the multiplication tables and write them using the multiplication (×),equals (=) signs	**C** solve problems involving multiplication using materials, arrays, repeated addition, mental methods, and multiplication including problems in contexts	**D** show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot		
N4	Number: Multiplication and Division (2wks)	**A** recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers	**B** calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs	**C** solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts	**D** show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot		

N5	Number: Fractions (3wks)	**A** recognise, find, name and write fractions $^1/_3$, $^1/_4$, $^2/_4$ and $^3/_4$ of a length, shape, set of objects or quantity		**B** write simple fractions e.g. $^1/_2$ of 6 = 3 and recognise the equivalence of $^2/_4$ and $^1/_2$	
G1	Geometry: Properties of Shape (3wks)	**A** identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	**B** identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	**C** identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]	**D** compare and sort common 2-D and 3-D shapes and everyday objects
G2	Geometry: Position and Direction (3wks)	**A** 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 anti-clockwise)		**B** order and arrange combinations of mathematical objects in patterns and sequences	
M1	Measurement: Money (2wks)	**A** recognise and use symbols for pounds **(£) and pence (p)**; combine amounts to make a particular value	**B** find different combinations of coins that equal the same amounts of money	**C solve simple problems** in a practical context involving addition and subtraction of money of the same unit, including giving change	
M2	Measurement: Length and Height (1wks)	**A** choose and use appropriate standard units to estimate and measure **length/height** in any direction (m/cm);		**B** compare and order lengths, mass, volume/capacity and record the results using >, < and =	
M3	Measurement: Time (2wks)	**A** 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.		**B** compare and sequence intervals of time	
M4	Measurement: Mass, Capacity and temperature (3wks)	**A** choose and use appropriate standard units to estimate and measure **mass** (kg/g); **temperature** (°C); **capacity** (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels		**B** compare and order lengths, mass, volume/capacity and record the results using >, < and =	
S1	Statistics (2wks)	**A** interpret and construct simple pictograms, tally charts, block diagrams and simple tables	**B** ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity	**C** ask and answer questions about totalling and comparing categorical data	