Autumn 1 (7 weeks)	Autumn 2 (8 weeks)	Spring 1 (6 weeks)	Spring 2 (5 weeks)	Summer 1 (6 weeks)	Summer 2 (7 weeks)
Place Value Week 1-4 1. Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward 2. Recognise the place value of each digit in a two-digit number (10s, 1s) 3. Identify, represent and estimate numbers using different representations, including the number line 4. Compare and order numbers from 0 up to 100; use <, > and = signs 5. Read and write numbers to at least 100 in numerals and in words **6.** Use place value and number facts to solve problems	**Addition and Subtraction Week 1-4** 1. 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 2. Show that addition of 2 numbers can be done in any order (commutative) and subtraction of 1 number from another cannot **3.** Recognise and use the inverse relationship between addition and subtraction and use this to check	**Multiplication and Division- Week 1-2** 1. Show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot 2. Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts **Fractions- Week 3-6** 1. Recognise, find, name and write fractions 1/3 , 1/4 ,	**Shape- Week 1-3** 1. Identify and describe the properties of 2-D shapes, including the number of sides, and line symmetry in a vertical line 2. Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces 3. Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid] 4. Compare and sort common 2-D and 3-D shapes and everyday objects **Length and Height- Week 4-5**	**Mass, capacity and temperature- Week 1-2** 1. Choose and use appropriate standard units to estimate and measure mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using scales, thermometers and measuring vessels 2. Compare and order mass, volume/capacity and record the results using >, < and = **Time- Week 3-5** 1. 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 2. Know the number of minutes in an hour	**Position and Direction- Week 1** 1. 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) **Statistics- Week 2-3** 1. Interpret and construct simple pictograms, tally charts, block diagrams and tables 2. Ask and answer simple questions

Addition and Subtraction Week 5-7 1. Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 2. Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: • a two-digit number and 1s • a two-digit number and 10s • 2 two-digit numbers • adding 3 one-digit numbers **Money- ECT time (Fridays)** 1. Recognise and use symbols for pounds (£) and pence (p); combine amounts	calculations and solve missing number problems. **Multiplication and Division- Week 5-7** 1. Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers 2. Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs **Money continued- ECT time (Fridays)** ASSESSMENT WEEK	2/4 and 3/4 of a length, shape, set of objects or quantity 2. Write simple fractions, for example 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2	1. Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); to the nearest appropriate unit, using rulers, scales and measuring vessels 2. Compare and order lengths and record the results using >, < and = ASSESSMENT WEEK	and the number of hours in a day 3. Compare and sequence intervals of time **Position and Direction- Week 6** 1. Order and arrange combinations of mathematical objects in patterns and sequences	by counting the number of objects in each category and sorting the categories by quantity 3. Ask-and-answer questions about totalling and comparing categorical data **Consolidation Declarative knowledge Problem solving/ reasoning** ASSESSMENT WEEK

to make a particular value					
2. Find different combinations of coins that equal the same amounts of money					
3. Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change					

See White Rose Maths to identify the smaller steps that need to be taught within each objective.

Not all small steps are necessary, use professional judgement.