MATHEMATICS Long Term Planning – Summary of YEAR 2 Units

AUTUMN 1	AUTUMN 2
- Count forward & back in steps of 2, 5, 10. - Recognise the value of two-digit numbers. - Compare, order and round numbers to 100. - Add and subtract numbers using numbers using objects and number lines. - Add up to 3 single digits mentally. - Recall number bonds to 10 & 20. - Identify properties of 2d shapes. - Measure and record length, weight and capacity. - Begin to recall multiplication and division facts for the 2, 5, 10s.	- Recognise odd and even numbers. - Solve multiplication using repeated addition on a number line. - Solve division using grouping, sharing and number lines. - Identify and describe 3d shapes using edges, faces and vertices. - Describe the faces of 3d shapes using 2d shape names. - Identify ½, ¼, 2/4 & ¾ of amounts, shapes and lengths. - Interpret and construct simple graphs and charts when collecting data. - Compare and measure units of measure including temperature. - Tell the time at five-minute interval and use quarter past and to.
SPRING 1	SPRING 2
- Add and subtract two 2-digit numbers using number lines. - Recognise and use inverse to check calculations. - Apply number bonds for 10 and 20 for numbers up to 100. - Recognise and count coins to solve problems including £ and p. - Compare and sort 2d and 3d shapes and relate to real life objects. - Read and write names for 2d and 3d shapes. - Draw lines and shapes using straight edges.	- Solve multiplication problems using repeated addition on a number line. - Solve division problems using grouping, sharing and number lines. - Write and understand simple fractions and recognise simple equivalence. - Compare and order length, mass & volume. - Use comparing language such as half as tall, etc. - Increase fluency of telling the time to five minutes of analogue clocks. - Ask and answer questions and problems from simple charts and graphs.
SUMMER 1	SUMMER 2
- Add and subtract two 2-digit numbers using number lines and simple columns. - Solve addition and subtractions problems with increasing difficulty. - Count in fractions up to 10 using 1/2 and ¼. - Create and describe patterns with shapes in different orientations.	- Solve problems and explain with reasoning for multiplication and division using number line written methods. - Solve worded problems, which include all four operations. - Recall fluently the 2, 5 and 10 times tables including division facts. - Use correct language to describe position and direction including angles such as a right angle.