Medium-term planning Summer 1

W	Title	Curriculum objective
1	Number and place value: estimating, counting, comparing and ordering quantities	• To recognise the place value of each digit in a 2-digit number (tens, ones). • To identify, represent and estimate numbers using different representations, including the number line. • To compare and order numbers from 0 up to 100; use <, > and = signs. • To read and write numbers to at least 100 in numerals and in words.
2	Addition and subtraction: using mental calculation strategies	• To 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. • To add and subtract using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; a 2-digit number and tens; two 2-digit numbers; adding three one-digit numbers. • To show that addition can be done in any order (commutative) and subtraction cannot. • To recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems.
3	Multiplication and division: repeated addition and subtraction, arrays, grouping and using times tables facts	• To recall and use multiplication and division facts for the 2,5 and 10 multiplication tables, including recognising odd and even numbers. • To calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs. • To recognise and use the inverse relationship between multiplication and division in calculations. • To solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.
4	Fractions: finding fractions of quantities, shapes and sets of objects	• To recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$. • To write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of two quarters and one half.
5	Geometry: properties of 3D and 2D shape	• To identify and describe the properties of 2D and 3D shapes, including the number of sides, symmetry in a vertical line, edges, vertices, and faces. • To identify 2D shapes on the surface of 3D shapes, for example circle on a cylinder and a triangle on a pyramid. • To compare and sort common 2D and 3D shapes and everyday objects. • To solve one-step problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.
6	Measures: length, mass (weight), capacity and money	• To choose and use appropriate standard units to estimate and measure length/height in any direction; mass; temperature; volume and capacity to the nearest appropriate unit using rulers, scales, thermometers and measuring vessels. • To compare and order lengths, mass, volume/capacity and record the results using >, < and =. • To recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value. • To find different combinations of coins to equal the same amounts of money • To solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.
Assess and review		• To assess the half-term's work.