Year 2 Maths Overview (2019-2020)

Problem solving and reasoning is integrated into lessons. Sometimes lessons will have a problem solving focus where a specific problem solving skill may be taught, but generally problem solving happens within the context of other lessons.

	1	2	3	4	5	6	7
Term 1	**Place Value** Reading and writing numbers in words & numerals to 100. Compare and order numbers from 0 up to 100; use <, > and = signs. Recognise place value of two-digit numbers.				**Multiplication** Counting in 2s, 5s and 10s. Use objects & arrays to solve multiplication problems. Arrange patterns. Recognise odd & even numbers.		**Addition and subtraction**
Term 2	**Addition and subtraction** Recall addition & subtraction facts to 20; derive them to 100. Add & subtract numbers using concrete & pictorial representations, **up to** 2-digit + 2-digit. Show commutativity of addition (and non-commutativity of subtraction). Solve addition & subtraction problems. Introduce missing number problems using inverses (within number bonds to 10 and 20).				**Geometry - properties of shape** Identify & describe properties of 2D & 3D shapes. Sorting 2D and 3D shapes. Introduce lines of symmetry.		**Measures - money** Recognise the value of different coins. Use the (p) symbol.
Term 3	**Place Value** Recognise place value of two-digit numbers. Partition 2-digit numbers into combinations of tens and ones.	**Fractions** Recognise, find, name and write fractions 1/3, 1/4, 2/4 and 3/4 of a length, shape, set of objects or quantity. Write simple fractions for example, 1/2 of 6 = 3		**Measures - time** Compare and sequence intervals of time. Tell and write the time - quarter past/to the hour. Know the number of minutes in an hour and the number of hours in a day.		**Multiplication and division** Calculate & write mathematical statements for multiplication & division (2s, 5s and 10s). Solve simple problems using multiplication & division.	
Term 4	**Multiplication and division**	**Statistics** Interpret & construct simple pictograms, tally charts, block diagrams & tables. Count, sort, total & compare categorical data.		**Practice SATs papers**	**Addition and Subtraction** Solve addition & subtraction problems with 2-digit numbers. Solve missing number problems using inverses.		
Term 5	**Multiplication and division** Recall & use 2, 5 & 10 times tables. Calculate & write mathematical statements for multiplication & division. Investigate commutativity of multiplication & division.		**SATS window** Revision of all topics and testing.				

Term 6	**Measures - money** 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.	**Geometry - position and direction** 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).	**Measuring and estimating** Use standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml)/ Use rulers, scales, thermometers and measuring vessels. Compare and order lengths, mass, volume/capacity and record the results using >, < and =.	**Revision/Gap Filling as necessary**