Mathematics Programmes of Study 3

Number, place value and rounding	Addition and Subtraction	Multiplication and Division	Fractions	Measures	Geometry	Statistics	Problem Solving
I can solve number problems and practical problems.	I can solve missing number problems for + and –.	I can solve missing number problems using multiplication and division.	I can solve problems that involve fractions.	I can compare durations of events of events.	I can identify horizontal, vertical, perpendicular and parallel lines in relation to other lines.	I can interpret data presented in many contexts.	I can be flexible in choosing effective methods to answer questions.
I can read and write numbers to at least 1000 in numerals and words.	I can solve word problems for + and –.	I can solve problems using multiplication and division.	I can compare and order fractions with the same denominator.	I know the number of seconds in a minute and the number of days in each month, year and leap year.	I can identify whether angles are greater than or less than a right angle.	I can use simple scales (e.g. 2, 5, 10 units per cm) in pictograms and bar charts.	I can understand and explain the methods I choose and produce accurate answers.
I can identify, represent and estimate numbers in different contexts.	I can estimate the answer to a calculation and use inverse operations to check answers.	I can use efficient written methods to multiply a 2 digit and 1 digit number.	I can add and subtract fractions with the same denominator within 1 whole.	I can recognise and write the Roman numerals from I to XII.	I know that 2 right angles make a half turn, 3 make 3/4 of a turn and 4 make a complete turn.	I can solve two step problems such as 'How many more? How many fewer?'	I can reason mathematically (verbal).
I can compare and order number up to 1000.	I can subtract numbers with up to 3 digits using an efficient written method.	I can use mental strategies to multiply a 2 digit number by a 1 digit.	I can recognise and show equivalent fractions, using diagrams.	I can tell and write the time from an analogue clock and 24 hour clock.	I can identify right angles.	I can solve one step problems such as 'How many more? How many fewer?'	I can justify my answer or give proof using mathematical language (written).
I can recognise the place value of each digit in a 3 digit number.	I can add numbers with up to 3 digits using an efficient written method.	I can calculate mathematical statements for x and ÷ facts that I know.	I can recognise and use fractions as numbers: 1/4 + 3/4 =1	I can add and subtract amounts of money to give change using £ and p.	I can recognise angles as a property of a shapes and associate angles with turning.	I can interpret and present data using tables.	I can solve problems using mathematical knowledge learnt.
I can find 10 or 100 more or less than a given number.	I can add and subtract numbers mentally: '3 digit number and ones.'	I can recall and use x and ÷ facts for the 8 times tables.	I can recognise, find and write fractions for a set of objects.	I can measure the perimeter of simple 2-D shapes.	I can recognise and describe 3-D shapes in different orientations.	I can interpret and present data using pictograms.	I can break down problems into simpler steps to seek solutions.
I can count from 0 in multiples of 50 and 100.	I can add and subtract numbers mentally : '3 digit number and tens'.	I can recall and use x and ÷ facts for the 4 times tables.	I know that tenths arise from dividing an object into 10 equal parts.	I can measure, compare, add and subtract volume/ capacity (l/ml).	I can make 3-D shapes using modelling materials.	I can interpret and present data using bar charts.	
I can count from 0 in multiples of 4 and 8.	I can add and subtract numbers mentally : '3 digit number and hundreds.'	I can recall and use x and ÷ facts for the 3 times tables.	I can count up and down in tenths.	I can measure, compare, add and subtract mass (kg/g).	I can draw 2-D shapes.		
				I can measure, compare, add and subtract lengths (m/cm/mm).			