

Mathematics Programme of Study – Year 3

Number and Place Value	1a. I can count from 0 in multiples of 4 and 8.		Measurement	21. I can compare and order unit fractions and fractions with the same denominator.	
	1b. I can count from 0 in multiples of 50 and 100.			22. I can solve problems that involve fractions in different contexts.	
	1c. I can find 10 or 100 more or less than a given 3-digit number.			23a. I can measure, compare, add and subtract lengths (m/cm/mm).	
	2. I can recognise the place value of each digit in a 3-digit number.			23b. I can measure, compare, add and subtract mass (kg/g).	
	3. I can compare and order numbers up to 1000.			23c. I can measure, compare, add and subtract volume/ capacity (l/ml).	
	4. I can identify, represent and estimate numbers, using different representations.			24. I can measure the perimeter of simple 2-D shapes.	
Addition and Subtraction	5. I can read, write and spell numbers to at least 1000 in numerals and words.		Measurement	25. I can add and subtract amounts of money to give change, using £ and p in practical contexts.	
	6. I can solve number problems and practical problems.			26. I can tell and write the time from an analogue clock, including where Roman numerals have been used, and 12-hour and 24- hour clocks.	
	7. I can add and subtract mentally 3-digit numbers and ones".			27a. I can estimate and read time to the nearest minute.	
	8. I can add and subtract mentally 3-digit numbers and tens".			27b. I can record and compare times.	
	9. I can add and subtract mentally 3-digit numbers and hundreds".			28. I know the number of seconds in a minute and the number of days in each month, year and leap year.	
	10a. I can add numbers with up to 3 digits using columnar addition.			29. I can compare durations of events.	
Multiplication and Division	10b. I can subtract numbers with up to 3 digits using columnar subtraction.		Geometry	30a. I can draw 2-D shapes.	
	11. I can estimate the answer to a calculation and use the inverse operation to check answers.			30b. I can make 3-D shapes using modelling materials.	
	12a. I can solve problems involving addition and subtraction using number facts and place value in different contexts.			30c. I can recognise and describe 3-D shapes in different orientations.	
	12b. I can solve missing number problems involving addition and subtraction.			31. I can recognise angles as a property of shapes and associate angles with turning.	
	13a. I can recall and use x and + facts for the 3 times tables.			32a. I can identify right angles.	
	13b. I can recall and use x and + facts for the 4 times tables.			32b. I know that 2 right angles make a half turn, 3 make $\frac{3}{4}$ of a turn and 4 make a complete turn.	
Fractions	13c. I can recall and use x and + facts for the 8 times tables.		Statistics	32c. I can identify whether angles are greater than or less than a right angle.	
	14a. I can use known x and + facts to generate new facts including 2-digit numbers x 1 digit..			33. I can identify horizontal, vertical, perpendicular and parallel lines in relation to other lines.	
	14b. I can use mental strategies to multiply a 2-digit number by 1 digit.			34a. I can interpret and present data using bar charts.	
	14c. I can use an appropriate written method to x 2-digit numbers by 1 digit, including the formal.			34b. I can interpret and present data using pictograms.	
	15a. I can solve problems using multiplication and division in different.			34c. I can interpret and present data using tables.	
	15b. I can solve missing number problems using multiplication and division.			35a. I can solve one step problems using information in scaled bar charts, pictograms and tables.	
Fractions	15c. I can scale numbers and use correspondence to solve problems in which n objects are connected to m objects.		Statistics	35b. I can solve two step problems using information in scaled bar charts, pictograms and tables.	
	16a. I can count up and down in tenths.			35c. I can use simple scales in pictograms and bar charts.	
	16b. I know that tenths arise from dividing an object, 1-digit number or quantity into 10 equal parts.			I can interpret data presented in different contexts.	
	17. I can recognise, find and write fractions of a set of objects, including unit fractions and non-unit fractions.				
Fractions	18. I can recognise and use fractions as numbers eg $\frac{1}{4} + \frac{3}{4} = 1$.				
	19. I can recognise and show, using diagrams, equivalent fractions.				
	20. I can + and – fractions with the same denominator within 1 whole.				