

Mathematics Curriculum Map 2019-20

Year 1

Term:	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Number and Place Value						
Counting	<p>Count on from 0 to 100 Count back from 10 to 0 Count in 10s to 100 Given a number, identify one more and one less to 10 Find missing numbers in a sequence up to 10. Order objects using terms 1st, 2nd and 3rd.</p> <p>Big Maths Counting Saying numbers 3 I can count from 60 to 69 Saying numbers 4 I can count to 100 Reading numbers 3 I can read 2 digit multiples of 10; Reading numbers 4 I can read 2d numbers</p> <p>Core numbers 1 I can understand numbers to 10 (number stories to 10)</p> <p>Counting multiples 1 I can count in 10s</p>	<p>Count on from any number to 20 Count back from 20 to 0 Count back from any number smaller than 20 to 0 Given a number, identify one more and one less to 20 Count in 2s to 20. Count in 5s to 50.</p> <p>Big Maths Counting multiples I can count in 5s</p> <p>Learn Its 4 Pairs of numbers that total 10; saying multiples of 5</p>	<p>Count on from any number to 100. Count back from 50 to 0. Count in 2s to 10. Given a number, identify one more and one less to 50 Recognise patterns in odd and even numbers up to 10</p> <p>Big Maths Counting Reading numbers 5 I can read 3 digit multiples of 10;</p>	<p>Count in 2s to 20. Count back from any number smaller than 50 to 0. Know that an even number can be shared between 2. Given a number, identify one more and one less to 100</p> <p>Big Maths Counting Reading numbers 5 I can read 3 digit multiples of 100;</p> <p>Calculations Division 6 I can share 6,9,12,15 blocks into 3</p>	<p>Count in 5s to 50 Know one more than a given number to 100. Know one less than a given number to 100. Recognise patterns in odd and even numbers up to 20</p> <p>Big Maths Counting Saying numbers 5 I can count past 100</p> <p>Squigglesworth 1 I can partition a 2 digit number</p> <p>Counting multiples 3 I can count in 2s</p>	<p>Count back from any number smaller than 100 to 0.</p> <p>Big Maths Core numbers 2 I can understand numbers to 20 (use language of equal to, more than, less than, fewer, most, least</p> <p>Count fourways 1s, 20s, 2s, 5s</p>
Comparing Numbers	use the language of: equal to, more than, less than (fewer), most, least					

Mathematics Curriculum Map 2019-20

Year 1

Identifying, representing & estimating numbers	identify and represent numbers using objects and pictorial representations including the number line					
Reading & Writing Numbers		Read and write all numbers as numerals and words to 10.	Write all numbers to 20 accurately.	Write all numbers accurately to 50. Read and write all numbers as numerals and words to 20.		Read and write all numbers as numerals accurately to 100.
Number: Addition and Subtraction						
Know the terms addition, subtraction and equals and their associated symbols.						
Number Bonds	Represent and use number bonds within 10 (see Leant Its)	Represent and use number bonds within 10 (see Leant Its)	Represent and use number bonds within 10 (see Leant Its)	Represent and use number bonds and related subtraction facts within 10. (see Leant Its)	Represent and use number bonds and related subtraction facts within 20. (see Leant Its)	Represent and use number bonds and related subtraction facts within 20. (see Leant Its)
Mental Calculation	Add 2, 1 digit numbers to 10. Subtract 2, 1 digit numbers Check understanding of 0 (zero) Revise Learn Its 1,2,3 (1+1, 2+2, 3+3, 4+4, 5+5, 1+2, 2+3) It's Nothing New Pim the alien 1 I can swap objects	Learn Its 4 Pairs of numbers that total 10; saying multiples of 5 It's Nothing New Jigsaw Numbers 1 I can find the missing piece 10	Add 2, 1 digit numbers to 20. Learn Its 5 adding on 2	Add a 1 digit number to a 2 digit number to 20. Subtract a 1 digit number from a 2 digit number up to 20. add and subtract one-digit and two-digit numbers to 20, including zero Learn Its 5 adding on 2	Add 3, 1 digit numbers up to 10. Learn Its 6 doubles to 20; saying multiples of 2	Add 3 1 digit numbers to total no more than 20. Learn Its 6 doubles to 20; saying multiples of 2
Written methods	Calculations Addition 5 I can add numbers of objects to 10 Subtraction 5		Addition 6 I can read a number sentence Addition 7 I can arrange a number sentence		Calculations Addition 10 I can add 1 to a number to 20	

Mathematics Curriculum Map 2019-20

Year 1

	I can take away numbers of objects to 10		<p>Addition 8 I can solve a number sentence</p> <p>Addition 9 I can solve on a number line</p> <p>Subtraction 6 I can read a subtraction number sentence</p> <p>Subtraction 7 I can arrange a subtraction number sentence</p> <p>Subtraction 8 I can solve a subtraction number sentence</p> <p>Subtraction 9 I can solve subtraction on a numberline</p>		<p>Addition 11 I can add 2 or 3 to a number to 20</p> <p>Addition 12 I can add a 1 digit number to a number to 20</p> <p>Subtraction 10 I can take 1 from a number to 20</p> <p>Subtraction 11 I can take 2 or 3 from a number to 20</p> <p>Subtraction 12 I can take a 1 digit number from a number to 20</p>	
Problems Solving	Solve simple word problems involving addition and subtraction to 10.		Solve simple word problems involving addition and subtraction to 10.		Solve simple word problems involving addition and subtraction to 20.	
Number: Multiplication & Division						
Multiplication & Division facts	<p>Calculations</p> <p>Multiplication 3 I can set out groups of blocks when I play</p> <p>Multiplication 4 I can find the total amount of blocks</p>	<p>Division 3 I can share an even number of objects between 2 people</p> <p>Division 4 I can halve an even number of objects</p> <p>Division 5 I can share 6,9,12 or 15 objects between 3 people</p>	<p>Calculations</p> <p>Multiplication 5 I can draw out groups of dots</p> <p>Multiplication 6 I can find the total amount of dots</p>	<p>Calculations</p> <p>Division 6 I can share 6,9,12,15 blocks into 3</p>	<p>Division 7 I can share 8,12,16,20 objects between 4 people</p> <p>Division 8 I can share 8,12,16,20 objects into 4</p>	<p>Division 9 I can share equally to solve division problems</p> <p>Division 10 I can make groups of 2, 5 or 10</p>
Problem solving		Solve one-step problems involving		Solve one-step problems involving multiplication and		Solve one-step problems involving multiplication and

Mathematics Curriculum Map 2019-20

Year 1

		multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.		division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.		division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.
Number: Fractions						
Recognising fractions	Doubling and halving 1 I can double 1d numbers (without crossing 10)	Recognise, find and name a half as one of two equal parts of an object or shape or quantity. Division 3 I can share an even number of objects between 2 people Division 4 I can halve an even number of objects	It's nothing new Doubling and halving 2 I can double 2 digit multiples of 10	Recognise, find and name a half as one of two equal parts of an object or shape or quantity.	Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. It's Nothing New Doubling and halving Doubling with Pim 1 (p 149) I can double 1 d numbers (crossing 10)	Recognise, find and name a quarter as one of four equal parts of a quantity. It's Nothing New Doubling and halving Doubling with Pim 1 (p 149) I can double 1 d numbers (crossing 10) Halving with Pim I can find half of 3.5.7.9 (p153)
Number: Algebra						
Equations						
Sequences						
Number: Measurement						
Comparing & Estimating Measuring & Calculating	Compare objects by length using terms longest and shortest. Know a meter stick is a standard measure.	Compare objects by weight using terms heaviest and lightest Recognise a 1p, 2p, 5p and a 10p coin.	Uses the terms double / half in a measurement context. Know that metre and centimetres are used to measure length and distance. Recognise a 20p, 50p and £1 coin.	Know that kilograms and grams are used to measure mass / weight. Use terms full, half full, three quarters full to measure capacity.	Know that litres are used to measure capacity. Recognise a £5 and £10.	

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Telling the time	Distinguish between terms quick and slow in relation to time. Order: morning, afternoon and evening. Know days of the week in order. Know that seven days make up one week.	Use terms later and earlier in relation to time. Use terms before, next and after accurately. Tell the time to o'clock.		Tell the time to half past the hour. Use terms: today, tomorrow and yesterday accurately. Know months of the year in order.	Know that hours/minutes/seconds are used to measure time.	
Geometry: Properties of shape						
Identifying shapes & their properties	Know and name squares, rectangles, triangles and circles.	Know and name cuboids (including cubes), pyramids and spheres.	Know and name squares, rectangles, triangles and circles. Know and name cuboids (including cubes), pyramids and spheres.		Know and name squares, rectangles, triangles and circles. Know and name cuboids (including cubes), pyramids and spheres.	
Comparing & Classifying						
Geometry: Position & Direction						
Position, Direction & Movement	Know vocab: left, right, top, middle, bottom, on top of, in front of, above, between, around, near, close, far, up, down, forwards, backwards, inside, outside.					
		Can demonstrate a full turn (by moving own body) Connect turning clockwise with movement on a clock face. Can demonstrate half a turn	Can demonstrate half of a turn	Can demonstrate a quarter of a turn	Can demonstrate three quarters of a turn	Can hold up left or right hand as required. Can point to left or right as required.