

Year 1, Block 3, Medium Term Plan, Mathematics, 2021 - 2022

Block 3, Year 1			
Date	Week	National Curriculum Attainment Targets <i>Pupils should be taught to:</i>	Pupils Targets
	1	<p>Number - Number and place value</p> <ul style="list-style-type: none"> • count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number • understand multiplication and division through grouping and sharing small quantities. • read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs 	<ul style="list-style-type: none"> • Understand division through sharing small quantities. • Represent and use addition facts within 10, then 15 • Represent and use subtraction facts within 10, then 15 • Solve simple addition and subtraction problems within the range 0–15
	2	<p>Number - Number and place value</p> <ul style="list-style-type: none"> • count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number • solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = Q - 9$ • identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least • read and write numbers from 1 to 20 in numerals and words 	<p>Number - Number and place value</p> <ul style="list-style-type: none"> • Solve simple missing number problems involving addition or subtraction. • Solve simple addition and subtraction word problems within the range 0–15 • Recognise repeating patterns and continue them correctly. • Solve simple one-step problems that involve addition or subtraction in familiar practical contexts. • Represent and use addition and related subtraction facts within 20
	3	<p>Number - Fractions</p> <ul style="list-style-type: none"> • Recognise, find and name a half as one of two equal parts of an object, shape or quantity 	<p>Number - Fractions</p> <ul style="list-style-type: none"> • Recognise and find one half of an object, shape or quantity • Recognise and find half of a length

		<ul style="list-style-type: none"> Recognise and combine halves as part of a whole* 	<ul style="list-style-type: none"> Recognise halves as part of one whole Combine halves to make one whole
	4	<p>Number - Addition and subtraction</p> <ul style="list-style-type: none"> recognise and create repeating patterns with objects and with shapes. Recognise patterns in the number system- odd and even numbers. 	<ul style="list-style-type: none"> Order a set of numbers in the range 0–20 Develop recognition of pattern in the number system – odd and even numbers Identify odd and even numbers Recognise repeating patterns and continue them correctly Create simple repeating patterns.
	5	<p>Geometry - Properties of shapes</p> <ul style="list-style-type: none"> recognise and name common 3-D shapes, including: <ul style="list-style-type: none"> - 3-D shapes [for example cuboids (including cubes), pyramids and spheres]] 	<p>Geometry - Properties of shapes</p> <ul style="list-style-type: none"> Use everyday language to name and describe 3-D shapes Relate actual 3-D shapes to pictorial representations of the same shapes Match 3-D shape names to shapes and pictorial representations regardless of size or orientation Relate cuboids to rectangles and cubes to squares Understand what makes a cuboid and what makes a cube a special cuboid Create and identify different cuboids, including cubes Use everyday language to describe the differences between 2-D and 3-D shapes Explain why 2-D and 3-D shapes are so called Sort 2-D shapes and 3-D shapes into separate groups

	6	<p>Number - Multiplication and division, including Number and place value</p> <ul style="list-style-type: none"> • make connections between arrays, number patterns and counting in twos, fives and tens * • count in multiples of twos, fives and ten • solve one-step problems involving multiplication by calculating the answer using concrete objects, pictorial • Understanding multiplication through grouping. • Make connections between arrays, number patterns and counting in twos, fives and tens 	<p>Number - Multiplication and division, including Number and place value</p> <ul style="list-style-type: none"> • Count in multiples of 2 up to 30 and recognise multiples of 2 • Count in multiples of 5 up to 50 and recognise multiples of 5 • Count in multiples of 10 up to 100 and recognise multiples of 10 • Identify numbers in a number sequence when counting in steps of 2, 5 and 10 • Make connections between arrays, number patterns and counting in twos, fives and tens • Accurately count a number of objects by counting in multiples of 2, 5 or 10
	7	<p>Number – Multiplication and Division</p> <ul style="list-style-type: none"> • solve one-step problems involving division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher • understand division through grouping and sharing small quantities • Solve one-step problems involving division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher. 	<p>Number – Multiplication and Division</p> <ul style="list-style-type: none"> • Accurately count a number of objects by counting in multiples of 2, 5 or 10 • Begin to understand multiplication and division through grouping small quantities • Solve one-step problems involving division. • Share a number of objects equally • Begin to understand division through sharing small quantities • Share a number of objects equally, showing a sound understanding of the term 'equal'