

Year 2, Block 1, Medium Term Plan, Mathematics, 2021 – 2022

We ek	National Curriculum Attainment Targets <i>Pupils should be taught to:</i>	Lesson Objectives Pupils will be taught to:
1	Number – Number and place value <ul style="list-style-type: none"> • Number formation • Ordering numbers to 20 • Number bonds to 10, number bonds to 20 and beyond 	Number – Number and place value <ul style="list-style-type: none"> • Add and subtract one-digit and two-digit numbers to 20, including 0 • Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs
2	Number – Number and place value <ul style="list-style-type: none"> • recognise the place value of each digit in a two-digit number (tens, ones) • identify, represent and estimate numbers using different representations, including the number line • compare and order numbers from 0 up to 100; use <, > and = signs • read and write numbers to at least 100 in numerals and in words • use place value and number facts to solve problems 	Number – Number and place value <ul style="list-style-type: none"> • Read and write numbers to 50 in numerals • Recognise the place value of each digit in a two-digit number up to 50 (tens, ones) • Compare and order numbers from 0 up to 50; use < and > signs • Read and write numbers to 50 in words • Use place value and number facts to solve problems
3	Number – Addition and Subtraction <ul style="list-style-type: none"> • recall and use addition and subtraction facts to 20 fluently • show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot • recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems 	Number – Addition and Subtraction <ul style="list-style-type: none"> • Understand that addition of two numbers can be done in any order (commutative rule) but subtraction cannot • Recall and use addition and subtraction facts to 20 • Recognise and use the inverse relationship between addition and subtraction, and use this to check calculations • Recall and use addition and subtraction facts to 20, using number lines, and understand the term 'difference'
4	Geometry – Properties of Shapes <ul style="list-style-type: none"> • identify and describe the properties of 2-D shapes, including the number of 	<ul style="list-style-type: none"> • Identify and describe the properties of 2-D shapes

	<p>sides and line symmetry in a vertical line</p> <ul style="list-style-type: none"> • compare and sort common 2-D shapes • draw lines and shapes using a straight edge * 	<ul style="list-style-type: none"> • Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line • Draw straight lines and 2D shapes using a straight edge • Compare and sort common 2D shapes using appropriate mathematical vocabulary (including quadrilateral)
5	<p>Number – Addition and Subtraction</p> <ul style="list-style-type: none"> • solve problems with addition and subtraction: <ul style="list-style-type: none"> -using concrete objects and pictorial representations, including those involving numbers, quantities and measures -applying their increasing knowledge of mental methods • recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 <ul style="list-style-type: none"> • recognise and use the inverse relationship between addition and subtraction and use this to solve missing number problems 	<p>Number – Addition and Subtraction</p> <ul style="list-style-type: none"> • Recall and use addition and subtraction facts to 20, and derive and use related facts • Apply increasing knowledge of mental methods • Recall and use addition facts to 20 fluently, and derive and use related facts up to 100 • Apply increasing knowledge of mental methods • Recall and use subtraction facts to 20, and derive and use related facts up to 100 • Apply increasing knowledge of mental methods • Use patterns of similar calculations • Apply increasing knowledge of mental methods
6		<ul style="list-style-type: none"> • Add a one-digit number to a multiple of 10 • Subtract a one-digit number from a multiple of 10 • Solve missing number problems involving addition • Recognise and use the inverse relationship between addition and subtraction to solve missing number problems
7	<p>Measurement – Length and Height</p> <ul style="list-style-type: none"> • choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm) to the nearest appropriate unit, using rulers 	<ul style="list-style-type: none"> • Estimate, measure and record lengths in centimetres • Estimate, measure and record heights in centimetres and metres • Convert metres to centimetres and vice versa

	<ul style="list-style-type: none">• compare and order lengths and record the results using $>$, $<$ and $=$	<ul style="list-style-type: none">• Measure, compare and order different lengths• Record using $>$, $<$ and $=$• Compare lengths using simple multiples
--	--	--