

Maths Curriculum Overview: Blackbirds: 2019 / 2020

	Autumn 1 (8 weeks)	Autumn 2 (7 weeks)	Spring 1(6 weeks)	Spring 2 (6 weeks)	Summer 1 (5 weeks)	Summer 2 (7 weeks)
Topic	Traction Man	Art Attack	Lost: Explorers	Under the Sea	The World Around Us	
Maths	<p>Place Value Tens and ones Comparing numbers $<> =$ Estimating number on a number line Count in 2,3,5 and 10s</p> <p>Addition and Subtraction Addition and subtraction facts to 20 and related facts to 100 Addition is commutative and Subtraction is not Add and subtract using concrete objects, pictorial representations and mentally Use inverse operations to check answers Solve addition and subtraction problems</p> <p>Money Recognise and use symbols of pounds £ and pence . Combine amounts to make a particular value. Find different combinations of coins that make the same amount. Solve simple problems in a practical context involving addition and subtraction of money of the same unit including giving change.</p>	<p>Time Tell and write the time to 5 minutes including quarter past / to the hour and draw the hands on a clock face to show these times. Know the number of minutes in an hour and hours in a day. Compare and sequence periods of time.</p> <p>Multiplication and Division Recall and use multiplication and division facts for the 2,5,10 times table including recognising odd and even numbers. Calculate mathematical statements for multiplication and division using \times, \div and $=$ Show that multiplication is commutative but division is not Solve problems</p> <p>Measurement: Length, mass, capacity and temperature Choose and use appropriate standard units to estimate and measure length and height m/cm to the nearest appropriate measure using rulers and scales Choose and use appropriate standard units to estimate and measure capacity(ml / l) and temperature (degrees c) to the nearest appropriate measure using thermometers and measuring vessels Compare and order length, mass, volume and capacity using $<> =$</p>	<p>Place Value Tens and ones Comparing numbers $<> =$ Estimating number on a number line Count in 2,3,5 and 10s</p> <p>Addition and Subtraction Addition and subtraction facts to 20 and related facts to 100 Addition is commutative and Subtraction is not Add and subtract using concrete objects, pictorial representations and mentally Use inverse operations to check answers Solve addition and subtraction problems</p> <p>Graphs: Statistics Interpret and construct simple pictograms, tally charts, block diagrams and simple tables. Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity. Ask and answer questions about totalling and comparing categorical data.</p> <p>Shape Identify and describe the properties of 2D shapes including the number of sides and the lines of symmetry in a vertical line. Identify and describe the properties of 3D shapes including the number of edges, vertices and faces. Identify 2D shapes on the surface of a 3D shape. Compare and sort 2D and 3D shapes and everyday objects. Order and arrange combinations of mathematical objects in patterns and sequences.</p>	<p>Time Tell and write the time to 5 minutes including quarter past / to the hour and draw the hands on a clock face to show these times. Know the number of minutes in an hour and hours in a day. Compare and sequence periods of time.</p> <p>Multiplication and Division Recall and use multiplication and division facts for the 2,5,10 times table including recognising odd and even numbers. Calculate mathematical statements for multiplication and division using \times, \div and $=$ Show that multiplication is commutative but division is not Solve problems</p> <p>Fractions of number Recognise, find, name and write fractions $\frac{1}{3}, \frac{1}{4}, \frac{2}{4}, \frac{1}{2}$ and $\frac{3}{4}$ of a length, shape, set of objects or a quantity. Write simple fractions, for example, $\frac{1}{2}$ of 6 = 3 Recognise the equivalence of $\frac{2}{4} = \frac{1}{2}$</p> <p>Geometry: position, direction, motion (In ICT) Describe position, direction and movement straight line (half turn), right angle (quarter turn), three-quarter turn, clockwise anti-clockwise</p> <p>Money Recognise and use symbols of pounds £ and pence . Combine amounts to make a particular value. Find different combinations of coins that make the same amount.</p>	<p>Consolidation activities: Multiplication Division Addition Subtraction Time Statistics Measure Shape</p> <p>SATS</p>	<p>Consolidation activities: Greater depth / mastery Addition Subtraction Multiplication Division Time</p>

				<p><i>Solve simple problems in a practical context involving addition and subtraction of money of the same unit including giving change.</i></p> <p>Graphs: Statistics <i>Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.</i> <i>Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.</i> <i>Ask and answer questions about totalling and comparing categorical data.</i></p> <p>Measurement: Length, mass, capacity and temperature <i>Choose and use appropriate standard units to estimate and measure length / height in any direction (cm / m) and mass (kg / g) to the nearest appropriate unit using rulers and scales.</i> <i>Compare and order length and mass and record the results using < > and =</i></p>		
<p>Precision Maths</p> <p>Differentiated activities based upon half- term assessments</p>	<p>Number bonds: to 10, to 20, to 100 in tens and to 100 in fives Doubling and halving 2, 3, 5 and 10 times tables and related division facts (Activities will be extended to include Year 3 targets as required)</p>					