

Tanfield Lea Community Primary School - Maths Long Term Plan—Year 3—Autumn

Key Skills	CATCH UP	CATCH UP	ARITHMETIC	REVISIT Equivalent fractions	CATCH UP	CATCH UP	ARITHMETIC	REVISIT Place Value	CATCH UP	CATCH UP	ARITHMETIC	REVISIT Subtraction	CATCH UP	CATCH UP	ARITHMETIC
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Number: Place Value		Number: Addition & Subtraction				Assessment	Number: Addition & Subtraction		Number: Multiplication & Division			Measure: Money		Consolidate
	<p>To count in multiples of 50/100</p> <p>To find 10 or 100 more or less than a given number. (Hundreds, tens, ones)</p> <p>Recognise the place value of each digit in a 3d number.</p>	<p>Read & write numbers up to 1000 in numbers & words.</p> <p>Compare & order numbers up to 1000.</p> <p>Identify, represent & estimate numbers using different representations</p>	<p>Identify, represent & estimate numbers using different representations</p> <p>To solve number problems and practical problems involving place value.</p>	<p>Add & subtract numbers mentally. 3d + 1 3d+10 3d +100</p> <p>Estimate the answer to a calc and use the inverse operation to check answers</p>	<p>Add numbers with up to 3d using formal written methods of columnar addition</p> <p>Estimate the answer to a calc and use the inverse operation to check answers</p>	<p>Subtract numbers with up to 3d using formal written methods of columnar subtraction</p> <p>Estimate the answer to a calc and use the inverse operation to check answers</p>	<p>Time allocate for assessment.</p> <p>May occur at a different time of the term as indicated.</p>	<p>Solve problems</p> <p>Including missing number problems, using number facts & place value</p>	<p>Solve problems</p> <p>Including missing number problems, using number facts, place value more complex addition & subtraction</p>	<p>Recall & use multiplication facts for the 3 & 4 multiplication tables</p>	<p>Write and calc mathematical statements for multiplication using the facts they know.</p> <p>Including 2d X 1d numbers, using mental & progressing to formal written methods</p>	<p>Write and calc mathematical statements for division using the facts they know.</p> <p>Using mental & progressing to formal written methods</p>	<p>To add & subtract amounts of money to give change, using both £ & p in practical contexts</p>	<p>To add & subtract amounts of money to give change, using both £ & p in practical contexts</p>	<p>This time will be used to consolidate and revisit skills that the children needed more time with.</p> <p>The learning objectives will be determined by the mathematical area covered.</p> <p>Further time could be spend at any point during the half-term.</p>

Tanfield Lea Community Primary School - Maths Long Term Plan - Year 3- Spring

Key Skills	REVISIT Multiplication & Division	CATCH UP	CATCH UP	ARITHMETIC	REVISIT Money	CATCH UP	CATCH UP	ARITHMETIC	REVISIT Shape	CATCH UP	CATCH UP	ARITHMETIC
	1	2	3	4	5	6	7	8	9	10	11	12
	Geometry: Shape		Number: Fractions			Assessment	Measures: Money	Statistics		Measure: Length and Perimeter		
	<p>Draw 2D shapes & make 3D shapes using modelling materials: recognise 3D shapes in different orientation</p> <p>Identify horizontal & vertical lines and pairs of perpendicular & parallel lines</p> <p>Recognise angles as a property of shape or the description of a turn.</p>	<p>Recognise angles as a property of shape or the description of a turn.</p> <p>Identify right angles, recognise that 2 right angles make half a turn, three quarters & four a complete turn.</p> <p>Recognise whether angles are greater than or less than a right angle</p>	<p>Count up & down in tenths.</p> <p>Recognise that tenths arise from dividing an object into 10 equal parts and in dividing 1d numbers or quantities by 10.</p> <p>Compare & order unit fractions & fractions with the same denominator.</p>	<p>Recognise, find & write fractions of a discrete set of objects: unit & non-unit with small denominators.</p> <p>Add fractions with the same denominator within one whole</p>	<p>Subtract fractions with the same denominator within one whole</p> <p>Compare & order unit fractions & fractions with the same denominator</p>	<p>Time allocate for assessment.</p> <p>May occur at a different time of the term as indicated.</p>	<p>To add & subtract amounts of money to give change, using both £ & p in practical contexts</p>	<p>Interpret & present data using bar charts, pictograms & tables</p> <p>Solve 1 step & 2 step questions using information presented</p>	<p>Interpret & present data using bar charts, pictograms & tables</p> <p>Solve 1 step & 2 step questions using information presented.</p>	<p>To measure, compare, add & subtract lengths (m/cm/mm)</p>	<p>To measure, compare, add & subtract lengths (m/cm/mm)</p> <p>To measure the perimeter of simple 2D shapes</p>	<p>To measure, compare, add & subtract lengths (m/cm/mm)</p> <p>To measure the perimeter of simple 2D shapes</p>

Tanfield Lea Community Primary School - Maths Long Term Plan—Year 3- Summer

Key Skills	REVISIT Statistics	CATCH UP	CATCH UP	ARITHMETIC	REVISIT Length & Perimeter	CATCH UP	CATCH UP	ARITHMETIC	REVISIT Time	CATCH UP	CATCH UP	REVISIT Mass & Capacity
	1	2	3	4	5	6	7	8	9	10	11	12
	Measures: Time		Measures: Mass and Capacity		Assessment	Measures: Mass and Capacity	Number: Fractions		Number: Multiplication & Division			Consolidate
	<p>Tell & write the time from an analogue clock, including Roman numerals from 1 to X11, and 12 hour 7 24hour clocks</p> <p>Know the number of secs in a minute & days in each month, year & leap year</p> <p>Use vocab such as o'clock, am/pm, morning, noon, night & midnight</p>	<p>Estimate & read time with increasing accuracy to the nearest minute, record 7 compare time in terms of seconds, minutes & hours.</p> <p>Compare durations of events (for example to calculate the time taken by particular events or tasks)</p>	<p>To measure, compare add & subtract mass (Kg/g)</p>	<p>To measure, compare add & subtract volume & capacity (l/ml)</p>	<p>Time allocate for assessment.</p> <p>May occur at a different time of the term as indicated.</p>	<p>To measure, compare add & subtract mass (kg/g) volume & capacity (l/ml)</p>	<p>Recognise & show, using diagrams, equivalent fractions with small denominators</p>	<p>Solve problems using fraction knowledge.</p>	<p>Recall & use multiplication facts for the 4 & 8 multiplication tables.</p> <p>Write and calculate mathematical statements for multiplication & division using the facts they know.</p> <p>Including 2d X 1d numbers, using mental & progressing to formal written methods</p>	<p>To solve problems, including missing number problems, involving multiplication & division, including positive integer scaling problems and corresponding problems in which n objects are connected to m objects.</p>	<p>To solve problems, including missing number problems, involving multiplication & division, including positive integer scaling problems and corresponding problems in which n objects are connected to m objects.</p>	<p>This time will be used to consolidate and revisit skills that the children need more time with.</p> <p>The learning objectives will be determined by the mathematical area covered.</p> <p>Further time could be spent at any point during the half-term.</p>