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Hockney Class - Maths Medium Term Plan - 2018

Summer Terms 1 and 2



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Summer Term 1

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<p>Shape identify 3D shapes, including cubes and cuboids, know angles are measured in degrees, estimate and compare acute, obtuse and reflex angles, draw given angles and measure them in degrees, identify angles at a point, angles on straight line and half turn, other multiples of 90</p>	<p>Shape Draw 2D shapes using given dimensions and angles, recognises, describe and build simple 3D shapes, including making nets, compare and classify geometric shapes based on their properties and size and find unknown angles in any triangles, quadrilaterals and regular polygons. Illustrate and name parts of a</p>	<p>Position and Direction Identify, describe and represent the position of a shape following reflection or translation, using the appropriate language and know that the shape has not changed. Describe positions on a full coordinate grid (all 4 quadrants), draw and translate simple shapes on the</p>	<p>Statistics Solve comparison, sum and difference problems using information presented in a line graph, complete, read and interpret information in tables, including timetables. Pupils to connect work on coordinates and scales to their interpretation of time graphs and begin to decide which</p>	<p>Statistics Interpret and construct pie charts and line graphs and use them to solve problems, calculate and interpret the mean as an average. Pupils to connect their work on fractions, angles and percentages to the interpretation of pie charts, pupils both encounter and draw graphs</p>	<p>ASSESSMENT WEEK Children to take part in assessments involving Maths. Provide children with basic revision before hand. Assessments to help with child's progress on the tracker system.</p>

degrees, properties of rectangles, required missing lengths and angles and distinguish between regular and irregular polygons based on reasoning.	circle, including radius, diameter and circumference and know that the diameter is twice the radius and recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.	coordinate plane, and reflect them in the axes.	representations of data are most appropriate and why.	relating to two variables and connect conversion form kilometres to miles in measurement to its graphical representation.	
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Summer Terms 1 and 2



Summer Term 2

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<p>Measurement (Time) Solve problems involving converting between different units of time. Use, read, write and convert between standard units of time. Focus on digital and analogue clocks, convert between 12 and 24 hour time. Solve multi step time problems, involving addition</p>	<p>Measurement (Time) Solve problems involving converting between different units of time. Use, read, write and convert between standard units of time. Focus on digital and analogue clocks, convert between 12 and 24 hour time. Solve multi step time problems, involving addition</p>	<p>Number and Place Value (Roman Numerals) Read Roman Numerals up to 1,000 (M) and recognise years written in Roman numerals. Understand and know that over time, the numeral system changed to include the concept of 0 and place value.</p>	<p>Fractions Compare and order fractions whose denominators are all multiples of the same number. Identify, name and write equivalent fractions of a given fraction. Recognise mixed numbers and improper fractions and convert from one form to the other. Add and subtract fractions with the same</p>	<p>Fractions, Decimals and Percentages Associate a fraction with division and calculate decimal fraction equivalents. identify the value of each digit in numbers given to 3 decimal numbers. Multiply one digit numbers with up to 2 decimal numbers by whole numbers.</p>	<p>Investigations and Problem Solving Give a range of problems and investigations to the children, as a fun end of term project. Children to solve these investigations either individually or in groups or teams. Investigations and problems to focus on a range of topics that we have studied this year in class.</p>

and subtraction.	and subtraction.		denominator and multiply proper fractions and mixed numbers by whole numbers.	Recognise the percent symbol and understand that per cent relates to 'number of parts per 100' and write percentages as a fraction .	(addition, subtraction, multiplication, division, fractions, measurement, statistics, shape, position and direction and ration and proportion)
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