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## Hockney Class - Maths Medium Term Plan - 2019

### Summer Term 1 and 2



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#### Summer Term 1

Week 1	Week 2	Week 3	Week 4	Week 5
<p><b>Algebra</b></p> <p>Find missing numbers, lengths and coordinates.</p> <p>Use formula in Maths and Science.</p> <p>Understand use equivalent expressions. Make generalisations when using number patterns.</p> <p>Focus on number puzzles (for example, what</p>	<p><b>Statistics</b></p> <p>Solve comparison, sum and difference problems using information presented in a line graph. Complete, read and interpret information in tables, including timetables.</p>	<p><b>Statistics</b></p> <p>Interpret and construct pie charts and line graphs and use these to solve problems.</p> <p>Calculate and interpret the mean as an average.</p>	<p><b>Fractions</b></p> <p>Use common factors to simplify fractions.</p> <p>Compare and order fractions.</p> <p>Add and subtract fractions using different denominators and mixed numbers, using the concept of equivalent fractions. Divide proper fractions</p>	<p><b>ASSESSMENT WEEK</b></p> <p>Children to take part in assessments involving Maths.</p> <p>Provide children with basic revision beforehand.</p> <p>Assessments to help with child's progress on the tracker system.</p>

two numbers can add up to).			by whole numbers.	
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### Summer Term 1 and 2



#### Summer Term 2

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
<p><b>Fractions</b> Associate a fraction with a division and calculate decimal fraction equivalents. Multiply one digit numbers with up to 2 decimal places. Solve fraction problems where answers are to be</p>	<p><b>Measurement</b> Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit. Convert between miles</p>	<p><b>Subtraction</b> Subtract whole numbers with more than 4 digits using written methods. Subtract mentally using increasingly large numbers. Use rounding to check answers to calculations and determine,</p>	<p><b>Multiplication</b> Multiply numbers mentally, derived upon known facts. Multiply numbers involving decimals by 10, 100 and 1000. Recognise and use square numbers and cube numbers. Solve problems</p>	<p><b>Division</b> Divide numbers up to 4 digits by a one digit number using the formal written method. Divide whole numbers and decimals by 10, 100 and 1000. Solve division problems using their</p>	<p><b>Ratio and Proportion</b> Solve problems involving the relative sizes of 2 quantities where missing values can be found using multiplication and division facts. Solve problems using the calculation of percentages and the use of</p>	<p><b>Place Value</b> Count forwards and backwards in steps of 10 for any given number up to 1,000,000. Read Roman numerals up to 1,000 and recognise years written in Numerals. Solve practical</p>

<p>rounded to specified degrees of accuracy. Recall and use</p>	<p>and kilometres. Solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places where appropriate.</p>	<p>in the context of problems. Solve subtraction multi step problems.</p>	<p>in multiplication using their knowledge of factors and multiples.</p>	<p>knowledge of factors and multiples. Interpret remainders as whole number remainders, divide 4 digit numbers by 2 digit using short division where appropriate.</p>	<p>percentages for comparison. Solve problems involving similar shapes where the scale factor is known or can be found. Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.</p>	<p>and number problems.</p>
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