

Herne Junior School – Long Term Planning

Subject: Maths YEAR 5



	1	2	3	4	5	6	7	8	9	10	11	12
Autumn	Number-Place Value Numbers to 10,000, 100000, a million (compare and order); Roman N's to 1,000; Round nos up to a million to nearest 10, 100 and 1,000; Counting in 10s, 100s, 1,000s, 10,000s, and 100,000s; Negative numbers	Number-Addition and Subtraction 4 digit column addition and subtraction, using estimation and inverse, multi-step problems	Statistics Read, interpret and draw line graphs, use line graphs to solve problems, read and interpret tables, two way tables, timetables	Number-Multiplication and division Multiples, factors, common factors, prime nos, square nos, cube nos, multiply and div by 10,100,1000, multiples of 10,100,1000	Measurement-Perimeter and Area Measure and calculate perimeter; area of rectangles; area of compound/irregular shapes;	Consolidation/revision						
Spring	Number-multiplication and division Up to 4 digits by 1 digit and 4 digits by 2 digits (long multiplication); long division* (up to 4 digits by 2); division with remainders <small>*this is a priority for 2019_2020 (integrate daily into morning maths)</small>	Number-Fractions Equivalent fractions, mixed/improper, sequences, compare and order, add and subtract	Measures Angles (to provide fractions break)	Fractions cont Cont. adding and subtracting fractions, incl. mixes numbers, multiplying unit fractions, non unit and mixed nos by integer, fractions of amounts, fractions as operators.	Number-decimals and percentages Decimals up to 2DP; decimals as fractions; understand 1000ths; Th as dec; order and comp; percentages	Consolidation						

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Summer	<p>Number:Decimals Solve problems up to 3 decimal places; Multiply and divide decimal nos by 10,100,1000; Use all 4 operations to solve probs involving measure incl decimal notation</p>	<p>Geometry:Properties of shapes Identify 3D shapes from 2D representations; properties of rectangles to find related facts; regular and irregular; angles</p>	<p>Geometry: Position and Direction Reflection and translation</p>	<p>Measurement-converting units Convert units of metric measure; convert between metric and imperial; converting units of time</p>	<p>Measurement:volume Estimate volume and capacity; solve probs involving measure (4 op)</p>	<p>Consolidation</p>
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