

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

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