

Hampton Court House - Lower Years Curriculum - Mathematics: Year 4

	Autumn Term	Spring Term	Summer Term
Skills	Pupils should be able use the number system more confidently. They move from counting reliably to calculating fluently with all four number operations. They always try to tackle a problem with mental methods before using any other approach. Pupils explore features of shape and space and develop their measuring skills in a range of contexts. They discuss and present their methods and reasoning using a wider range of mathematical language, diagram and charts.		
Number: number and place value	Order numbers Fill in number sequences	Solve number puzzles Solve missing number questions	Round to the nearest 10, 100, 1000
Number: addition and subtraction	Find differences Solve problems with one or two steps in context	Subtract in columns Add and subtract decimals	Practise the previous topics
Number: multiplication and division	Revise timetables and division Learn multiplication facts for 6, 7, 8, 9 Multiply by a 2-digit number	Multiply in columns Calculate mentally Solve multiplication and division problems Divide with remainders Round with remainders up and down Divide with money	Practise the previous topics

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Number: fractions, decimals and percentages	Learn fractions with a total of one Learn improper fractions and mixed numbers Place fractions on a number line Introduce decimals Round decimals	Place decimals on a number line Relate fractions and decimals Introduce percentages	Reduce fractions to simplest form Find common denominators
Measurement	Calculate mass Solve mass problems Read scales Calculate perimeter and area of shapes	Read clocks	Metric measures: length Solve length problems
Geometry	Recognise 3D shapes and their properties Read and draw angles	Find coordinates Trace symmetry - reflective symmetry Read timetables - time problems	
Statistics	Understand and use Carroll diagrams Understand and use Venn diagrams	Understand and use frequency tables Understand and use pictograms Understand and use tally charts	Understand and use bar charts