



Leasowes Primary School

Maths Curriculum Overview



Year Group: 5	1 st Half Term		2 nd Half Term	
Autumn	Number and Place Value Ordering, counting and rounding 5-digit numbers Addition and Subtraction Mental strategies for adding and subtracting numbers Properties of Shape Faces and edges within 3d shapes; Identifying, drawing and working with 3d shape	Multiplication and Division Multiplying by multiples of 10, 100, 1000, multiplying and halving Fractions Fraction sequences, equivalent and ordering fractions Position and Direction Translating polygons using coordinates	Addition and Subtraction Formal written methods with 5-digit numbers Decimals Showing decimals as fractions, rounding and sequencing Measurement Converting mass, use imperial and metric units, solve mass problems	Multiplication and Division Square, cube and prime numbers, multiples and factors, formal short multiplication and division methods, dividing by 10, 100, 1000, solving multiplication and division word problems Measurement 12- and 24-hour clocks, solving time calculations and problems
Spring	Number and Place Value Ordering and counting 6-digit numbers, negative numbers Addition and Subtraction Formal written methods for subtraction, adding and subtracting decimals Properties of Shape Naming, drawing, measuring and identifying angles	Multiplication and Division Short multiplication methods with remainders and fraction remainders Fractions Thousandths, ordering, adding and subtracting fractions Measurement Converting lengths, distances, metric and imperial lengths	Decimals Thousandths, rounding and ordering decimals, solving decimal problems Addition and Subtraction Adding and subtracting decimals, solving decimal problems Statistics Constructing and interpreting line graphs, interpreting data in tables and timetables	Multiplication and Division Long multiplication methods: 2-digit times 2-digit Fractions, Decimals and Percentages Comparing percentages to fraction and decimal amounts, solving percentage problems Measurement Area and perimeter of polygons
Summer	Number and Place Value Ordering counting and rounding 6-digit numbers, Roman numerals Four Operations Solving addition and subtraction problems retrieving learned knowledge Properties of Shape Rectangles, regular and irregular polygons, missing angles	Multiplication and Division Short multiplication and division formal methods, long multiplication methods, money problems Fractions Improper fractions and mixed numbers, multiplying fractions Measurement Converting capacities, including metric and imperial, volume of cuboids	Addition and Subtraction Solving problems including money problems Fractions, Decimals and Percentages Comparing fractions, decimals and percentages; calculating percentages, solving percentage problems Position and Direction Reflection in two lines of symmetry, reflection using coordinates	Multiplication and Division Long multiplication and short division with larger numbers, solving money problems Statistics Interpreting data in time graphs and tables, presenting data Fractions, Decimals and Percentages Retrieval of all knowledge learnt