Leasowes Primary School
Maths Curriculum Overview

Year Group: 6	1st Half term		2nd Half Term	
Autumn	**Number and Place Value** Ordering and rounding 7-digit numbers **Four Operations** Formal methods for addition, subtraction, long multiplication and division, **Properties of Shapes** Building 3d shapes, nets of open and closed cubes	**Fractions** Ordering, equivalent, simplifying, adding and subtracting fractions and mixed numbers **Four Operations** Solving Problems using long multiplication and division **Position and Direction** Using coordinates to locate translate and reflect shapes	**Fractions, Decimals and Percentages** Equivalences between fractions decimals and percentages, calculating percentage of whole numbers **Measurement** Converting units of length, including miles to kilometres	**Ratio and Proportion** Use of ratio language, ratio and proportion language, scale factors **Measurement** Converting units of time, solving time problems **Four Operations** Negative numbers, order of operations
Spring	**Four Operations** Multiplying and dividing decimals **Algebra** Formulae and number sequences, unknown variables **Properties of Shape** Angles in triangles, quadrilaterals, opposite angles and angles around a point **Fractions** Multiplying and dividing fractions, solving fraction problems	**Measurement** Perimeter and area of 2d shapes, area of triangles and parallelograms **Four Operations** Solving problems applying all knowledge **Properties of Shape** Circles: Identifying radius, diameter and circumference **Fractions, Decimals and Percentages** Solving Problems applying all knowledge	**Statistics** Finding the Mean, using line graphs and pie charts **Four Operations** Solving problems applying all knowledge **Measurement** Converting units of capacity, volume of cubes and cuboids, calculating volume and finding missing lengths	**Algebra** Solving algebra problems, linear equations, alternative solutions **Fractions, Decimals and Percentages** Solving Problems applying all knowledge **Position and Direction** Using coordinates to plot, locate and translate shapes in four quadrants
Summer	**Measurement** Revision of mass, converting between grams and kilograms, converting between metric and imperial **Four Operations** Solving problems applying all knowledge **Fractions, Decimals and Percentages** Solving Problems applying all knowledge	**Statistics** Carrying out surveys constructing tally, tables and pie charts **Revision** Child led revision activities	**Themed Projects, Consolidation and Problem Solving** Enterprise, Profit and Loss, Volume Problems, Cookery Problems, value for money	