Year 6 Maths

Number and Operation	Statistics
Use negative numbers to calculate	Construct and interpret pie charts
Divide using long division	Calculate the mean as an average
Use order of operations to calculate	
Multiply decimal numbers by whole numbers	
Solve ratio problems using multiplication and division	
Solve proportion problems using fractions and multiples	

Fractions, Decimals and Pecentages

Use common factors to simply fractions

Compare and order fractions of any size

Add and subtract fractions with different denominators and mixed numbers

Multiply pairs of proper fractions

Divide proper fractions by whole numbers

Calculate decimal, fraction equivalents

Recall and use equivalent between fractions, decimals and percentages

Solve problems involving calculation of percentages

Geometry

Illustrate and name parts of a circle

Find missing angles

Recognise opposite angles

Describe position of the full co-ordinate grid

Translate shapes on a co-ordinate grid and reflect in the axes

Solve problems involving similar shapes where the scale factor is known

Algebra

Use simple formulae

Generate and describe linear number sequences

Express missing number problems

Measure

Convert units of measure between smaller and larger units

Convert between miles and kilometres

Calculate the area of parallelograms and triangles

Calculate and compare volume of cubes and cuboids