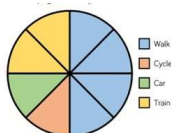


y6

## Number

In Year 6 measurement, following White Rose Maths, pupils convert between metric units, including length, mass, volume and time, and between miles and kilometres. They calculate perimeter and area of rectangles, triangles and parallelograms, and find the volume of cuboids. Pupils also apply their understanding to solve real-life problems.



## Statistics

In Year 6 number, following White Rose Maths, pupils deepen their understanding of place value up to 10 million, including negative numbers. They confidently work with fractions, decimals, and percentages, converting between them. They become confident with fractions by simplifying, comparing, and performing all four operations, including with mixed numbers. The topic also introduces ratio and algebra, helping pupils compare quantities, use formulae, and solve equations with unknown values.

## Measurement



In Year 6 statistics, following the White Rose Maths scheme, pupils interpret and construct pie charts and line graphs, using them to solve problems. They learn to calculate and interpret the mean as an average and apply their understanding to analyse data in real-life contexts.

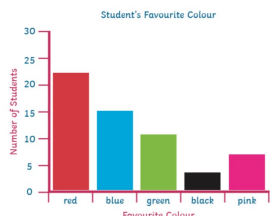
In Year 6 geometry, following the White Rose Maths scheme, pupils build on their knowledge of shapes by classifying and drawing 2D shapes based on properties, including angles. They find unknown angles in triangles, quadrilaterals and other regular polygons. Pupils also explore coordinates in all four quadrants, draw and translate shapes, and reflect them across axes.

## Geometry

y5

## Number

In Year 5 measurement, following White Rose Maths, pupils convert between different units of metric measurement, including length, mass and volume. They learn to calculate and compare perimeter and area of rectangles and composite shapes. Pupils also use timetables, solve problems involving time, and convert between units of time.



## Statistics

In Year 5 number, following White Rose Maths, pupils work with numbers up to 1,000,000, including rounding and negative numbers. They develop fluency with the four operations and deepen understanding of fractions, including adding and subtracting with different denominators. Pupils also explore decimals and percentages, and convert between them.

## Measurement



In Year 5 statistics, following White Rose Maths, pupils learn to interpret and create different types of graphs, including bar charts, line graphs, and time graphs. They use these to answer questions and solve problems, developing their ability to analyse and draw conclusions from data.

In Year 5 geometry, following White Rose Maths, pupils classify and compare 2D and 3D shapes based on their properties. They measure and identify different types of angles, including calculating missing angles in triangles and quadrilaterals. Pupils also work with coordinates in the first quadrant and explore translations and reflections of shapes.

## Geometry

