Our LKS2 Maths Learning Journey

y4

Number

In Year 4 number, following White Rose Maths, pupils extend their understanding of place value to numbers up to 10,000. They develop fluency with the four operations, using formal written methods for addition, subtraction, multiplication, and division. Pupils explore fractions by recognising and comparing equivalent fractions, and they begin to work with decimals, focusing on tenths and hundredths..
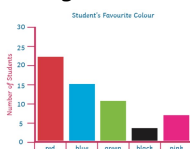
In Year 4 measurement, following White Rose Maths, pupils learn to convert between different units of measure, such as kilometers and meters, and grams and kilograms. They calculate perimeter and area of various shapes and solve problems involving time, including reading timetables and converting between units of time.

Measurement

Statistics

In Year 4 statistics, following White Rose Maths, pupils learn to interpret and construct bar charts, pictograms, and tables. They use these to collect, organize, and present data, developing skills to answer questions and solve problems based on the information.
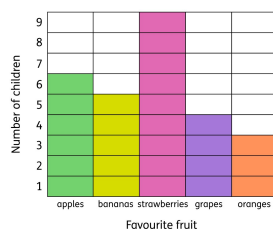
In Year 4 geometry, following White Rose Maths, pupils explore the properties of 2D and 3D shapes, including identifying and comparing angles such as right, acute, and obtuse. They learn to measure and draw angles accurately and describe positions on a grid using coordinates in the first quadrant.

Geometry

y3

Number

In Year 3 number, following White Rose Maths, pupils build on their understanding of place value with numbers up to 1,000. They develop fluency in the four operations, using mental and written methods for addition, subtraction, multiplication, and division. Pupils are introduced to fractions, learning to recognise, find, compare, and order unit and non-unit fractions, and begin to understand the concept of tenths as fractions and decimals.

In Year 3 measurement, following White Rose Maths, pupils learn to measure, compare, and add or subtract lengths, mass, and volume using standard units. They tell the time to the nearest minute, use both digital and analogue clocks, and solve problems involving time. Pupils also begin to measure the perimeter of simple 2D shapes and work with money, converting between pounds and pence and solving practical problems.

Measurement

Statistics

In Year 3 statistics, following White Rose Maths, pupils learn to interpret and present data using bar charts, pictograms, and tables. They collect and organise data, then use it to answer questions, including those involving comparison, sums, and differences.

In Year 3 geometry, following White Rose Maths, pupils identify and describe the properties of 2D and 3D shapes, including the number of sides, vertices, edges, and faces. They recognise angles as a property of shapes and identify right angles. Pupils also begin to understand and describe position and direction, including turns and using vocabulary such as clockwise and anti-clockwise.

Geometry