

Maths

Year 5

Fractions, including Decimals and Percentages

- Multiply proper fractions and mixed numbers by whole numbers
- Find fractions of quantities
- Read and write decimals as fractions
- Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents
- Round decimals to the nearest whole number and 1 d.p.
- Compare and order decimals with up to 3 decimal places
- Recognise and understand the % symbol
- Convert between percentages and decimal equivalents
- Solve problems using percentage and decimal equivalents

Measurement

- Multiply and divide numbers and those involving decimals by 10, 100 and 1000
- Convert between metric units of length, capacity and weight
- Use approximate equivalences between metric and imperial units of measure

Geometry – Properties of Shape

- Know that angles are measured in degrees: estimate and compare acute, obtuse and reflex angles
- Draw given angles and measure them in degrees
- Identify angles at a point and one whole turn; angles at a point of a straight line; other multiples of 90°
- Use properties of shapes to deduce related missing angles

Year 6

Fractions, Decimals & Percentages

- Multiply one-digit numbers with up to two decimal places by whole numbers
- Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts
- Add and subtract fractions with different denominators and mixed numbers
- Multiply and divide simple pairs of proper fractions, writing the answer in its simplest form.

Algebra

- Use simple formulae
- Generate and describe linear number sequences
- Express missing number problems algebraically
- Find pairs of numbers that satisfy an equation with 2 unknowns
- Enumerate possibilities of combinations of 2 variables

Statistics

- Interpret and construct pie charts and line graphs and use these to solve problems
- Calculate and interpret the mean as an average

Geometry – Properties of Shape

- Recognise, describe and build simple 3-D shapes, including making nets
- Compare and classify geometric shapes based on their properties and sizes, and find unknown angles in any triangles, quadrilaterals, and regular polygons.