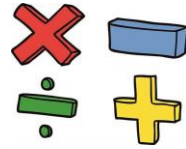
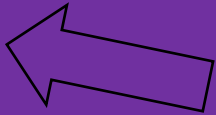


Learning Journey for GCSE Foundation Tier



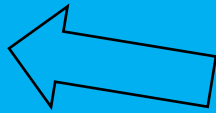
Use geometric properties in calculations with 2D and 3D shapes and understand relationships between them

Work out areas of composite shapes made from rectangles, triangles, circles and/or semi-circles



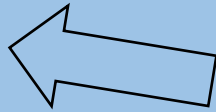
Use, order and compare integers, fractions, decimals, percentages and ratio
Calculate with, and convert between, fractions, decimals, percentages and ratios

Use direct proportion in simple problems
Calculate wages and salaries, including national insurance and tax deductions



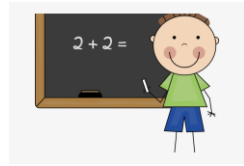
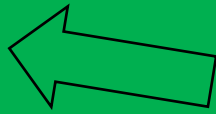
Collect like terms
Simplify expressions
Solve simple equations

Expand and factorise single brackets
Substitute into formulae



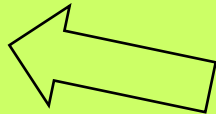
Construct, interpret and evaluate a range of statistical diagrams
Calculate, analyse, compare and interpret appropriate data sets, tables, diagrams and statistical measures

Calculate the mean and range
Recognise and use the probability scale and interpret probabilities



Visualise, draw and describe 2D and 3D shapes. Use properties of 2D shapes in calculations
Work out perimeter and area and volume

Use mathematical terms for position and direction
Draw and measure lines and angles accurate to nearest cm and degree



Add, subtract, multiply and divide positive and negative numbers
Understand and use multiples, factors, common factors and understand prime numbers.
Identify, compare and extend a range of numerical and spatial patterns.
Use, understand and calculate with fractions, decimals and percentages

Calculate with money, time, length, weight and capacity
Convert units of measure in the metric system
Recognise imperial units
Read, measure and record events on calendars
Read integer scales

