

Unit	Objective
Algebra 1 - Algebra Skills	Use a formula expressed in words
Algebra 1 - Algebra Skills	Use letters to write simple algebraic expressions
Algebra 1 - Algebra Skills	Simplify algebraic expressions by collecting like terms
Algebra 1 - Algebra Skills	Simplify algebraic expressions by multiplying terms
Algebra 1 - Algebra Skills	Expand a linear bracket
Algebra 1 - Algebra Skills	Substitute numbers into expressions
Algebra 1 - Algebra Skills	Solve linear equations
Algebra 1 - Algebra Skills	Factorise linear expressions
Algebra 1 - Algebra Skills	Expand double brackets
Algebra 1 - Algebra Skills	Solve linear inequalities & show solutions on a number line
Algebra 1 - Algebra Skills	Rearrange simple formulae
Algebra 2 - Sequences, Functions, Graphs	Find the next term in a sequence
Algebra 2 - Sequences, Functions, Graphs	Plot points in all four quadrants
Algebra 2 - Sequences, Functions, Graphs	Find any term in a sequence (for example find the 10th term)
Algebra 2 - Sequences, Functions, Graphs	Draw a linear graphs after completing a table of values
Algebra 2 - Sequences, Functions, Graphs	Substitute numbers into an nth term rule
Algebra 2 - Sequences, Functions, Graphs	Draw quadratic graphs using a table of values
Algebra 2 - Sequences, Functions, Graphs	Give the nth term of a sequence
Data and Probability	Find the mean, median, mode & range for a dataset
Data and Probability	understand that the probabilities of all possible outcomes sum to 1
Data and Probability	record, describe and analyse the frequency of outcomes of simple probability experiments
Number 1 - Numeracy Skills	Use times tables up to 100
Number 1 - Numeracy Skills	Round to the nearest 10 or 100
Number 1 - Numeracy Skills	Add & subtract with up to 4-digit numbers
Number 1 - Numeracy Skills	Use BODMAS to find the correct order of calculation
Number 1 - Numeracy Skills	Multiply or divide with 2-digit numbers
Number 1 - Numeracy Skills	Estimate the value of calculations
Number 1 - Numeracy Skills	Round numbers and measures to an appropriate degree of accuracy (decimal places and significant figures)
Number 1 - Numeracy Skills	Compare prices of products to find the 'best buy'
Number 1 - Numeracy Skills	Calculate with speeds, distances & times
Number 2 - Powers and Roots	Use factors, multiples, square numbers up to 100
Number 2 - Powers and Roots	Use negative numbers in context
Number 2 - Powers and Roots	Use negative numbers with inequalities
Number 2 - Powers and Roots	Write the squares of 1 to 15 & the cubes of 1 to 5 & 10
Number 2 - Powers and Roots	Find the square root of any number using a calculator
Number 2 - Powers and Roots	Add & subtract with negative numbers
Number 2 - Powers and Roots	Recognise 2-digit prime numbers
Number 2 - Powers and Roots	Multiply & divide with negative numbers
Number 2 - Powers and Roots	Recognise & work out factors & multiples

Number 2 - Powers and Roots	Write & calculate with numbers written in index form
Number 2 - Powers and Roots	Write a number as a product of prime factors
Number 2 - Powers and Roots	Work out the HCF & LCM of a pair of numbers
Number 2 - Powers and Roots	Multiply & divide quantities written in index form
Number 3 - Fractions, Decimals and Percentages	Change improper fractions into mixed numbers
Number 3 - Fractions, Decimals and Percentages	Cancel fractions & recognise equivalent fractions
Number 3 - Fractions, Decimals and Percentages	Put simple fractions in size order
Number 3 - Fractions, Decimals and Percentages	Add & subtract simple fractions
Number 3 - Fractions, Decimals and Percentages	Find equivalent fractions, decimals & percentages
Number 3 - Fractions, Decimals and Percentages	Find simple percentages of a quantity
Number 3 - Fractions, Decimals and Percentages	Change mixed numbers into improper fractions
Number 3 - Fractions, Decimals and Percentages	Add fractions using common denominators
Number 3 - Fractions, Decimals and Percentages	Add, subtract & multiply with mixed numbers
Number 3 - Fractions, Decimals and Percentages	Convert between fractions & decimals
Number 3 - Fractions, Decimals and Percentages	Find any percentage of a quantity
Number 3 - Fractions, Decimals and Percentages	Simplify a ratio
Number 3 - Fractions, Decimals and Percentages	Perform all four operations with fractions
Number 3 - Fractions, Decimals and Percentages	Calculate percentage increases & decreases
Number 3 - Fractions, Decimals and Percentages	divide a given quantity into two parts in a given part:part or part:whole ratio
Number 3 - Fractions, Decimals and Percentages	Work out compound interest problems
Shape 1 - Angles	Find missing angles on a line or around a point
Shape 1 - Angles	Find missing angles in triangles & quadrilaterals
Shape 1 - Angles	Find interior & exterior angles of polygons
Shape 1 - Angles	Solve angle problems using corresponding and alternate angles
Shape 1 - Angles	Use Pythagoras' Theorem in 2D
Shape 2 - Area, Perimeter, Volume	Find the area of a rectangle using $A = lw$
Shape 2 - Area, Perimeter, Volume	Use $A = \frac{1}{2}bh$ for triangles & $V = lbh$ for cuboids
Shape 2 - Area, Perimeter, Volume	Calculate area & circumference of circles
Shape 2 - Area, Perimeter, Volume	Calculate area of a trapezium
Shape 2 - Area, Perimeter, Volume	Calculate volumes of prisms (including cylinders)