

Year 8 endpoints
Know how to construct Histogram with even class width(grouped data)
Know how to plot scatter graph
Know how to find averages from grouped data
Know how to write numbers as product of prime factors
Know how to write numbers in Standard Form
Know how to convert from standard form to ordinary numbers
Know how to apply the four operations to negative numbers
Know the order of operations including powers and roots
Know how to add and subtract negative and positive fractions with different denominators
Know how to simplify expressions using Laws of Indices (multiplying, divide and power law)
Know how to factorise by taking out common factors
Know how to change subject of the formula with two steps
Know how to measure and write bearings
Know how to construct and describe a translation using a vector
Know how to do enlargement with scale factor and centre
know how to draw plan and elevations from 3D shapes
Know how to find the nth term of a linear sequence
Know how to use the nth term of linear sequence
Know percentage and decimal equivalents for fractions with denominator of 3, 5, 8 & 10
Know the difference between recurring and terminating fractions
Know how to use bar models to solve ratio problems
Know how to identify numbers that are proportional
Know how to find multiplier with proportional number and use to solve problems
Know how to identify multiplier for percentage increase/decrease
Know how to find percentage change
find original value (reverse percentage)
Know how to solve equations with unknowns on two sides
Know the characteristics of Quadratic vs linear graphs
Plot graph in the form $y=mx+c$, $ax+by=c$
know how to find gradient and y-intercept of linear graphs
Know how to identify parts of a circle
Know how to find circumference and area of circle
Know how to use formulae to calculate volume of right prism
Know how to solving missing angle problems using angle properties
know how to find angle sum in any polygon
Know that probability is measured on 0-1 scale
Know how to list outcomes
Know that the sum of probability for all outcomes is 1
Know to use frequency tree to record probability
Know how to list elements using Venn diagram