For a C grade you need to be able to:

multiply and divide mentally
multiplying and dividing by numbers between 0 and 1
use ratios in appropriate situations.
Proportion
next term or the *n*th term of a sequence, where the rule is linear
one quantity as a percentage of another
multiply two expressions of the form $(x + n)$
trial and improvement
formulate and solve linear equations with whole number coefficients
manipulate simple algebraic formulae, equations and expressions.
draw and use graphs of quadratic functions.
angle and symmetry properties of polygons
properties of intersecting and parallel lines
Pythagoras' theorem when solving problems in two dimensions.
areas and circumferences of circles.
lengths, areas and volumes in plane shapes and right prisms.
enlarge shapes by a positive whole number or fractional scale factor
compound measures such as speed.
constructions of loci.
frequency diagrams with grouped data.
modal class and estimate the mean, median and range of a set of grouped data
average and range with associated frequency polygons, as appropriate, to compare distributions and make inferences
relative frequency as an estimate of probability

For an A grade you need to be able to do:

Manipulation of surds
Bounds (upper and lower limits)
Direct and inverse proportion
Manipulation of formulae, equations and expressions
Rules for indices including negative and fractional
Straight line graphs: gradients and intersections
Sketch and interpret trig graphs

Trig in any triangle and pythag in 2D and 3D problems
Congruent triangles including proof
calculate lengths of circular arcs and areas of sectors
calculate the surface area of cylinders and volumes of cones and spheres
the effect of enlargement on areas and volumes of shapes and solids.
interpret and construct histograms.
different methods of sampling and different sample sizes may affect the reliability of conclusions drawn
select and justify a sample and find a method to investigate a population.
Probability