

Year 8 Summer Term

Algebra 5a

Collecting like terms
Multiplying out brackets
Solving linear equations (e.g. $3x + 1 = x + 5$)

Shape, Space and Measures 4a

Plans, elevations and scale drawings from 3D
Finding the mid-point of a line
Constructing a triangle

Solving Problems 1

Dividing a quantity into a ratio
The unitary method
Direct proportionality

Solving Problems 2

Representing problems by algebra
Proportionality and graphs
Presenting solutions

ASSESSMENT (week before May half term)

Handling Data 3

Collecting Data, Two way tables
Mean, median, mode and range
Stem and Leaf diagrams
Bar charts, pie charts, line graphs and scatter diagrams
Mutually exclusive probability
Estimating probability from experiments

Algebra 5b

$y = mx + c$
Practical graphs
Using graphs and equations to solve problems

Shape, Space and Measures 4b

Simple bearings
Volume and Surface Area

ASSESSMENT (week before Summer Holidays)