



Maths Foundation Year 10 Curriculum Palette

Autumn

Year 10

Graphs

Coordinates Problems

Midpoints

Linear Graphs



Gradient

$Y=mx+c$

Real Life Graphs

Distance-Time Graphs

Conversion Graphs

Quadratic Graphs

Reciprocal Graphs

Cubic Graphs

Perimeter, Area & Volume

Area Of Quadrilaterals & Triangles

Area Of Composite Shapes



Area & Circumference Of Circles



Ratio

Spheres & Cones

Surface Area

Volume Of Prisms & Cylinders

Semicircles & Sectors

Transformations

Enlargement

Rotation

Reflection

Translation

Equivalent Ratio

Sharing Into A Ratio

Simplifying Ratio

Unitary Ratio

Comparing Using Ratio

Ratio & Measures

Using Ratio

Writing Ratio



Probability

Calculating Probability

Two Events

Experimental Probability

Venn Diagrams

Set Notation

Tree Diagrams

Expected Probability



Averages & Sampling

Mean, Median, Mode & Range

Mean From A Table

Estimated Mean

Averages From Tables

Sampling

Reverse Mean

Compound Measures + Multiplicative Reasoning

Compound Interest

Growth & Decay

Multipliers

Percentage Change

Speed

Density

Pressure

Right Angled Triangles

Pythagoras

Trigonometry

Constructions, Loci & Bearings

Hypotenuse/ Opposite/ Adjacent

Sine/ Cosine/ Tangent

Plans & Elevations

Accurate Drawings

Scale Drawings & Maps

Scale Factors

Nets

Constructions

Perpendicular & Angle Bisector

Construct Triangles

Loci & Regions

Bearings

