



# 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

Enlargement  
Rotation  
Reflection  
Translation

Transformations

Equivalent Ratio  
Sharing Into A Ratio  
Simplifying Ratio  
Unitary Ratio  
Comparing Using Ratio  
Ratio & Measures  
Using Ratio  
Writing Ratio

Ratio

Spheres & Cones  
Surface Area  
Volume Of Prisms & Cylinders  
Semicircles & Sectors

Describing Transformation

Proportion

Using Proportion  
Proportion & Graphs  
Proportion Problems

Best Buy  
Exchange Rates  
Unitary Ratio  
Recipes  
Inverse Proportion

Probability

Calculating Probability  
Two Events  
Experimental Probability  
Venn Diagrams  
Set Notation  
Tree Diagrams  
Expected Probability



Pythagoras

Right Angled Triangles

Pressure

Density

Speed

Percentage Change  
Multipliers

Growth & Decay

Compound Interest

Compound Measures + Multiplicative Reasoning

Reverse Mean

Sampling

Averages From Tables

Estimated Mean

Mean From A Table

Averages & Sampling

Mean, Median, Mode & Range



Trigonometry

Sine/ Cosine/ Tangent

Hypotenuse/ Opposite/ Adjacent

Constructions, Loci & Bearings

Plans & Elevations

Accurate Drawings

Scale Drawings & Maps

Scale Factors

Nets

Constructions

Perpendicular & Angle Bisector

Construct Triangles

Loci & Regions

Bearings

