



Maths Higher Year 10 Curriculum Palette

Autumn

Year 10

Sequences

Types Of Sequences

Fibonacci

Generating Sequences

Picture Sequences

Nth Term Of A Sequence

Quadratic Sequences

Geometric Sequences

Graphs

Coordinates Problems

Midpoints

Linear Graphs

Line Segments

Gradient

Parallel/ Perpendicular

Perimeter, Area & Volume

Units & Accuracy

Frustum

Spheres, Pyramids & Cones

Cylinders

Surface Area Of Prisms

Volume Of Prisms

Arcs & Sectors

Area & Circumference Of Circles

Area Of 2D Shapes

Exponential

Circle

Rates Of Change

Cubic Graphs

Reciprocal Graphs

Quadratic Graphs

Real Life Graphs

$Y=mx+c$

Spring

Transformations

Translation

Reflection

Rotation

Enlargement

Describing Transformation

Negative Enlargements

Simultaneous & Quadratic Equations

Solving Equations

Substitution

Writing Equations

Simultaneous

Rearrange

Graphically

Factorising

Quadratic Formula

Completing The Squares

Inequalities & Regions

Expected Probability

Tree Diagrams

Independent Events

Set Notation

Venn Diagrams

Experimental Probability

Mutually Exclusive Events

Calculating Probability

Probability

Regions

Graphically

Unknowns Both Sides

Solving Inequalities

Listing Integers

Number Lines

Inequalities

Conditional Probability

Summer

Further Statistics

Sampling

Capture-Recapture

Box Plots

Histograms

Cumulative Frequency

Comparing Data & Distribution

Quartiles

Interquartile Range

Surds

Simplify

Arithmetic With Surds

Expand & Simplify

Rationalise

Compound Measures + Multiplicative Reasoning

Compound Interest

Growth & Decay

Accurate Drawings

Plans & Elevations

Constructions, Loci & Bearings

Midpoints

Coordinates

Nth Term

Picture Sequences

Generate Sequences

Find Missing Values In Sequences

Continue Sequences

Accuracy & Bounds

Proportionality

Pressure

Density

Speed

Percentage Change

Multipliers

Scale Drawings & Maps

Scale Factors

Nets

Constructions

Perpendicular & Angle Bisector

Construct Triangles

Loci & Regions

Bearings

Angles In Parallel Lines

Trigonometry & Bearings

