



Autumn

Maths KS3 Curriculum Palette

Year 8

Factors & Indices

Factors Multiples & Primes

BIDMAS

Estimation

Rounding & Decimals

Significant Figures

HCF & LCM

Product & Prime Factors

Index Laws

Negative Numbers

Arithmetic With Decimals

Squares Roots & Cubes

Expressions & Equations

Simplify Expand & Factorise

Simplify Indices

Substitution Into Expressions & Formula

Solve Equations

Form & Solve Equations

Expressions Identities Equations & Formulas

Lines Angles & Bearings

Naming Angles

Labelling Angles

Measuring Angles

Constructing Angles

Angles Rules

Angles In Quadrilaterals & Triangles

Properties Of Special Quadrilaterals

Angles In Parallel Lines

Angles In Polygons

Measure & Draw Bearings

Form & Solve Equations

Spring

Transformation

Symmetry

Rotational Symmetry

Congruence

Reflection

Enlargement

Translation

Rotation

Scale Factor

Similar Shapes

Area & Volume (Pythagoras)

Area Of Triangles

Area Of Rectangles

Area Of Parallelograms

Area Of Trapeziums

Area Of Composite Shapes

Volume Of Cubes & Cuboids

Surface Area

Nets Of 3D Shapes

Area Of Composite Shapes

Volume Of Cubes & Cuboids

Surface Area

Nets Of 3D Shapes

Fractions Decimals & Percentages

Units Of Measures

Plans & Elevations

Pythagoras (Higher Only)

Circles

Prisms

Nets Of 3D Shapes

Fractions

FDP Conversions

Improper Fractions

Mixed Numbers

Equivalent Fractions

Percentage Of Amount

A Number As A Percentage Of Another

Percentage Increase & Decrease

Multippliers

Reverse Percentages

Percentage Change

Repeated Percentage Change

Constructions & Scale Drawings

Using A Compass

Reading Scales

Maps & Plans

Measures

Scale Drawings

Perpendicular Bisector

Angle Bisector

Loci

Construct Triangles & Circles

Net Construction

Interpret Maps

Probability

Venn Diagrams

Expected Probability

Experimental Probability

Probability Tree

Real Life & Straight Line Graphs

Money

Measures

Inverse Proportion

Proportion

Recipes

Speed

Time

Exchange Rates

Best Buy

Unitary Method

Ratio

Multiplicative Reasoning (Ratio & Proportion)

Statistics Graphs & Charts

Scatter Graphs

Pie Charts

Frequency Tables

Two Way Tables

Midpoints

Coordinates

Gradient

Parallel & Perpendicular

Linear Graphs

Table Of Values

$y=mx+c$

Line Graphs

Distance-Time Graphs

Conversion Graphs

Mean Median Mode Range

Stem & Leaf

Bar Charts

Tally Charts

Dual & Composite Bar Charts

Stem & Leaf

Bar Charts

Tally Charts

Dual & Composite Bar Charts

Misleading Graphs

Line Of Best Fit

Continuous & Discrete Data

