Maths Learning Journey

The Orme Academy
EMPOWERING LEARNERS FOR LIFE

Shaw Education Trust

Your journey continues onto A Level Maths

Year 11

Revision
Proof
Transforming graphs
Iteration
Similarity
Compound measures
Standard form
Percentages
Inequalities
Vectors
Functions
Probability
Angle facts
Trigonometry
Fractions and algebraic fractions
Indices and surds
Primes, HCF and LCM
Equations
Statistical diagrams
Grouped data

Spring
Summer

Year 10

Volume & Surface area
Histograms
Box plots
Statistical diagrams
Factorising
Expanding brackets
Brackets
Indices and surds
Cumulative frequency
Handling data
Recurring decimals
Transformation
Rounding
Indices
Proportion
Sampling
Cubic graphs
Velocity time graphs
Ratio
Sequences

Autumn
Summer

Year 9

Constructions
Real life graphs
Pythagoras
Compound units
Venn Diagrams
Tree Diagrams
Equations of a linear graph
Trigonometry
Re-arrange Formula
Surface area & volume
Simultaneous equations
Bearings
Scatter graphs
Transformations
Vectors
Angle facts
Similarity and congruence
Grouped data
Quadratics
Percentages
Arcs and sectors
Re-arranging formulae
Factorising quadratics
Straight line graphs
Ratio
Plans and elevations
Distance, Time graphs
Speed
Proportion
Pythagoras
Error intervals
Cylinders
Constructions
Probability
Expanding brackets
Recurring decimals
Percentage change
Inequalities
Algebraic fractions
FDP
Fractions and percentages of amounts
Standard form
Inequalities
Statistical diagrams
Straight line graphs
Surface area
Angles
HCF and LCM
Circumference
Transformations
Volume
3D shapes
Venn diagrams
Standard form

Upper School
Autumn
Spring
Summer

Year 8

Simplify expressions
Sequences
Scale diagrams
Value for money
Indices
Equations
Ratio
Rounding
Estimation
Co-ordinates
Area
Probability
Collecting and presenting data
Averages
Angle calculations
Finding a percentage change
Percentage of an amount
Fraction, decimals and percentages
Proportion
Tables and charts
Symmetry
Line and shape properties
Area
LCM and HCF
Expand and factorise
Angles
Perimeter
Co-ordinates
Equivalent Fractions
Adding and subtracting Fractions
Time
Substitution
Order of operations
Four operations
Measures
Equations
Expressions
Negative numbers
Number sense

Autumn
Spring
Summer

Year 7