

Go to university to enhance your studies and gain a degree

Consider which career you might want to go into with your skills: Finance? Investment Banking? Teaching?



Standard Deviation



Conditional Probability

Equilibrium of a Particle



Reflect on your journey so far

$$\frac{x}{y}$$

Kinematics of motion.

# YEAR 13

End of year test/exams

- Motion
- Moments

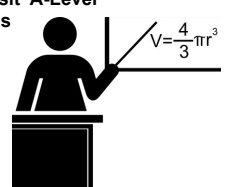
Numerical Methods

Revision of already-covered



Forces

Newton's law of motion



$$V = \frac{4}{3}\pi r^3$$

Revise for and sit A-Level Exams

Consider summer internship and voluntary work to enhance your learning



- Sampling
- Interpretation in context

- Binomial and normal distributions
- Hypothesis testing

# YEAR 12

Mock/Benchmark exams

Area and perimeter of compound shapes

Trigonometric identities

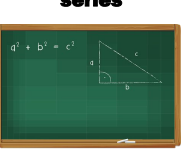


Transformation of unit square.



- Equation of a circle
- Differentiation
- Matrices

- Graphs
- Algebraic long division
- Sequence



- Identities
- Pascal's triangle
- Factor theorem

Key: **Enrichment** **Personal Development** **Higher Foundation**



# YEAR 11

Mock Exams

Statistics

Attend Year 11 revision sessions.

- Number Calculation
- HCF & LCM
- Standard Form

- Percentages
- Inequalities
- Solving equations

- Changing the subject
- Expanding, factorising and simplify expressions

- Transformation
- Area and Perimeter of 2D Shapes



PD/UKMT/Student Research Project

Expanding and factorising expressions

Sequence and Nth term

PD/Student Research Project

Area and perimeter of polygon



- HCF and LCM
- Standard Form
- Bounds
- Ratio & Proportion

PD/Student Research Project

- Percentages
- Inverse Proportions
- Vectors
- Angles
- Graphs

- 3D Shapes
- Pythagoras' Theorem
- Probability

PD/Student Research Project

Quadratic Equations  
Quadratic Equations  
Sine and Cosine Rules

# YEAR 10

- Indices
- Surds
- Complex proportional relationships

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- Combining Transformation
- Vector algebra
- Bearings
- Two-way tables
- Probability



Direct Proportion.

PD/UKMT/Student Research Project

Percentage and Fraction of quantity.



Multiplying and dividing improper fractions.

Standard Form

Laws of Indices

# YEAR 9



Review of previous work covered.

- HCF and LCM
- Estimation
- Rounding

- Linear and Non-Linear Sequences
- Nth term for quadratic sequences
- Angles

- Construction and Loci
- Pythagoras' Theorem
- Graph

Volume and surface area of cubes, cuboids and prism

Complete year 8 end-of-year test.

Solving equations with unknown on both sides

Pythagoras' theorem.

Isometric Drawings

Percentage and Fraction of quantity.

Similar Shapes

Standard Form

Laws of Indices

# YEAR 8

Complete your Y7 end-of-year test to show off your learning.

PD/Student Research Project

Area and circumference of quarter, semi and full circles.]



Formula and Expression

Expand and factorise single brackets

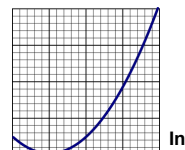
Symmetry

Generating sequences

Angle Facts  
Measuring and drawing angles

Area and perimeter of 2D Shapes.

Change the subject of the formula



HCF and LCM.

Introduction to fractions (simplifying and equivalent).

Fraction, Decimals and Percentages.

Order of Operations

Formula and Expression

Expand and factorise single brackets

Symmetry

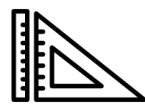
Generating sequences

# YEAR 7



Have a foundational understanding of Maths.

Complete your Numeracy your teachers know more about level.



Sit SATS in Y6

Improve your literacy and numeracy through the form time programme



Meet our Maths teachers during year 6 into 7 transition day



Develop a lifelong love of learning

welcome

Attend the Academy's summer school

Apply for a place at Westfield Academy

Attend Open Week

Visit Westfield Academy during Transition Day

Develop a thirst for numeracy

# PRIMARY SCHOOL

