



LANDAU FORTE ACADEMY AMINGTON LEARNING JOURNEY

MATHEMATICS

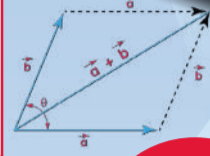
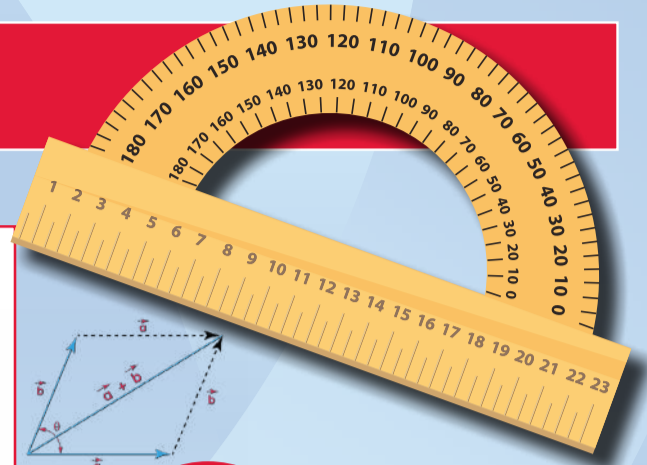
Continue your lifelong love of learning and personal development

- Apprenticeship
- College
- University
- Workplace



Revision
Exam Practice
Exam Technique

Revision
Exam Practice
Exam Technique
Higher Tier
Vectors
Iteration
Histograms
Functions
Graphical Transformations
Proof

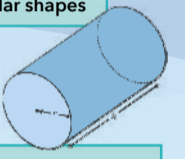


POST-16 PATHWAY

EXTERNALLY SET TASK (EXAM)

YEAR 11

Compound measures
Percentages
Ratio
Averages from grouped data
Proportion
Transformations
Congruence and similar shapes



Angles in Parallel Lines
Angles in Polygons
Circles
Area Volume of Prisms
Probability
Higher Tier
Algebraic fractions
Pythagoras
Advanced trigonometry

Changing the subject
Coordinate geometry
Rounding and error intervals
Index laws
Higher Tier
Recurring decimals
Bounds
Surds
Proportionality
Venn Diagrams

$$\frac{5}{\sqrt{3}}$$

$$\frac{5}{\sqrt{3}} \times \frac{\sqrt{3}}{\sqrt{3}} = \frac{5\sqrt{3}}{3}$$

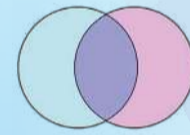
YEAR 10

Algebra
Simplifying expressions
Substitution
Expanding Bracket
Solving Linear equations
Higher Tier
Quadratics
Complete the square
Simultaneous equations
Changing the subject

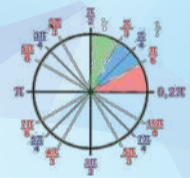


Bespoke curriculum
Revision
Exam Practice
Exam Technique

Factors / multiples
Venn Diagrams
Inequalities
Fractions Angle facts
Higher Tier
Scale factors cones and spheres
Cumulative frequency
Circle theorems
Standard Form



Linear graphs
Graphs and charts



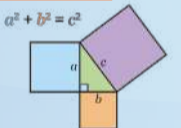
Trigonometry;
Using trigonometric ratios

Algebra
Factorising Drawing Graphs
Turning Points
Sequences
Higher Tier
Nonlinear graphs and sequences
Circles and tangents
Rates of change.

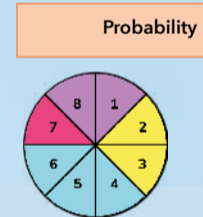
YEAR 9

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Non-linear sequences
Expressions and formula



Similarity and congruence
Pythagoras theorem



Probability

Trigonometry
The unit circle and derivations



Percentages and proportionality

Polygons and angles
Constructions



YEAR 8

Perimeter
Area
Volume

Statistics

Colour	Incidence	Frequency
Black		1
Blue		5
Red		2
White		4
		Total = 12

Sequences
Linear Graphs

Estimating and rounding
Solving Linear equations



YEAR 7

Attend Year 6 transition days

Place Value
Properties of Numbers
Arithmetic

Perimeter and Area
Ordering fractions

Ratio and proportion

WELCOME

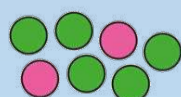
PRIMARY SCHOOL

Apply for a place at Landau Academy

Expressions and equations
Coordinates

Fractions

$$\frac{3}{4}$$



Transformations

