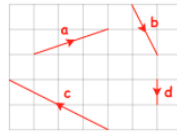
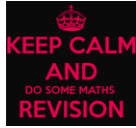


Maths Learning Journey

Teachers will analyse individual gap analysis following mock exams and will create a bespoke plan for each class.



UB: 85
LB: 75

- 1) Functions
- 2) Rearrange formula
- 3) Mock exams

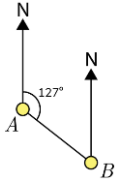
- 1) Proof
- 2) Vectors
- 3) Mock exams



Final Exam Preparation

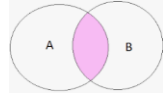
- 1) Vol and Surface Area
- 2) Simultaneous Equations
- 3) Similarity

- 1) Sampling and pie charts
- 2) Probability
- 3) Constructions and Bearings
- 4) Circles



- 1) Surface area and volumes
- 2) Similarity
- 3) Revision and mocks
- 4) Transformations

- 1) Algebraic Fractions
- 2) Sampling

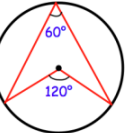


- 1) Solving quadratics
- 2) Circle theorems
- 3) Proportion
- 4) Data Handling

- 1) Circle theorems
- 2) Graphs of trig functions and further trigonometry
- 3) Algebraic fractions

Half Term 2

Half Term 1

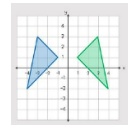


YEAR 11

Half Term 5

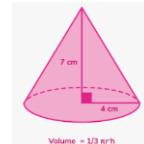
Half Term 6

- 1) Quadratics
- 2) Coordinate Geometry
- 3) Advanced Trigonometry
- 4) Rearranging Formulae



- 1) Fractions
- 2) Ratio and proportion
- 3) Indices and standard form

- 1) Trigonometry
- 2) Conditional Probability
- 3) Statistical Diagrams
- 4) Direct and Inverse Proportion



Crossover Journey

Accelerated Journey

YEAR 10

Half Term 4

Half Term 3

Half Term 2

Half Term 1

- 1) Coordinate geometry
- 2) Compound measures
- 3) Real life graphs
- 4) Pythagoras and trigonometry
- 5) Angles

- 1) Percentages
- 2) Formula
- 3) Averages
- 4) Statistical diagrams

- 1) Compound Measures
- 2) Bounds
- 3) Transformations
- 4) Percentages

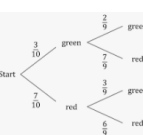


- 1) Statistical diagrams
- 2) Factors, multiples, proportion with money
- 3) Rounding and estimating
- 4) Brackets and Equations

- 1) Index Laws
- 2) Brackets
- 3) Surds
- 4) Recurring Decimals

$$\sqrt{18} = 3\sqrt{2}$$

Half Term 6

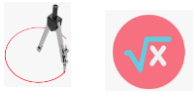


- 3) Use probability trees
- 4) Present data using a range of graphs

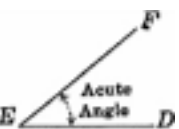
- 3) Expand and factorise linear and quadratic expressions
- 4) Work with direct and inverse proportion and compound measures.

Factorise:
 $4x + 32 = 4(x + 8)$

- 1) Perform calculations with roots, indices and numbers in standard form
- 2) Use a compass for constructions and drawing loci



- 1) Plotting and using graphs
- 2) Calculate averages
- 3) Proportion



Half Term 4

- 5) Solving equations
- 6) Investigating angles
- 7) Calculating space

2, 4, 6, 8, 10, 12, 14

Half Term 3

- 1) Drawing and reading graphs
- 2) Applying operation to negative numbers
- 3) Sequences



- 5) Rounding and Estimating
- 6) Relationship between fraction, decimal and percentages
- 7) Operations with fractions
- 8) Units of measure

1/2

Half Term 2

- 4) Construct triangles
- 5) Understanding risk



YEAR 8

Half Term 1

- 1) Product of primes and standard form
- 2) Perimeter and area including volume
- 3) Percentage increase and decrease

YEAR 7



Welcome

RATIOS
3:7



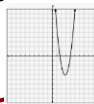
- 4) Calculating Volumes
- 5) Read and draw graphs for grouped data
- 6) Index Laws
- 7) Using a calculator and BIDMAS

Half Term 2

- 1) Ratio
- 2) Bearings and angles
- 3) Operations with fractions

Half Term 4

- 1) Work with algebraic graphs including quadratic and cubic
- 2) Solve simultaneous equations, graphically and using algebra



- 4) Simplify expressions and nth term
- 5) Solving equations



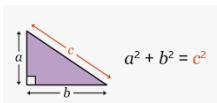
Half Term 5

- 1) Averages from grouped frequency tables
- 2) Apply and describe transformations



Half Term 6

- 3) Plotting and reading algebraic graphs
- 4) Calculate the probability of two events



Half Term 2

Half Term 3

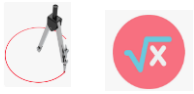
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Half Term 5

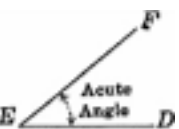
YEAR 9

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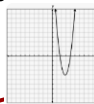
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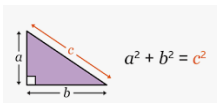
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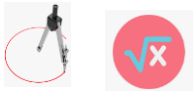
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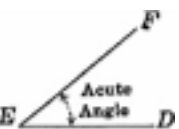
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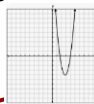
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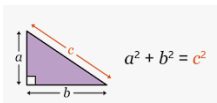
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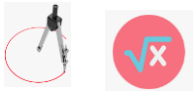
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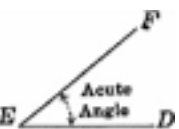
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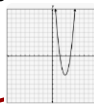
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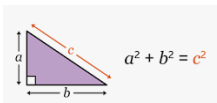
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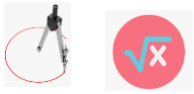
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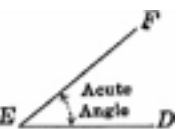
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