

Mathematics – Learning Journey (2025-26)



GCSE
RESULTS DAY

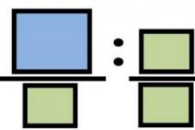
Revision &
Exam Practice



Using graphs

$$P(A/B) = \frac{P(A \cap B)}{P(B)}$$

Functions



Multiplicative reasoning

$$(x - 9)(x + 6)$$

Changing the subject

Transforming & constructing

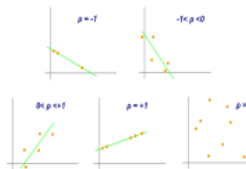


Develop wellbeing & study techniques

Expanding & factorising

Non-linear graphs

Year 11 PPE 1



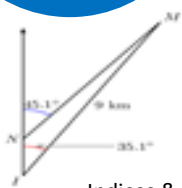
Manipulating expressions

$$E=mc^2$$

Congruence, similarity & enlargement

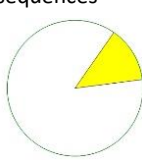
Representing solutions of equations & inequalities

Indices & roots



Working with circles

Types of number & sequences

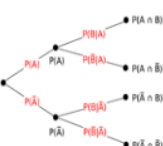


Probability

Collecting, representing & interpreting data

Year 10 PPEs

Percentages & interest



Ratios & fractions

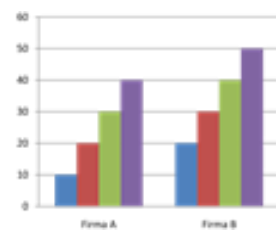


YEAR
10

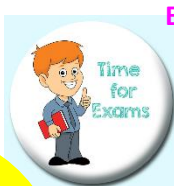
Start of KS4 learning & follow either the Foundation or Higher Pathway



End of Key Stage 3



Year 9
End of Year Exam



Rates

Constructions & congruency

$$a^2 + b^2 = c^2$$

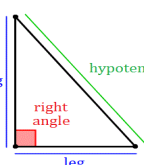
Straight line graphs

Maths & money

$$(x + a)(x + b) = x^2 + (a + b)x + ab$$

Angles & bearings

Simultaneous equations



Pythagoras' theorem



Embed excellent study habits & get ahead with revision

YEAR
9

Year 8
End of Year Exam

	English	Maths	Science	Total
Girls	20	13		50
Boys		15		
Total	38		40	

Fractions & percentages

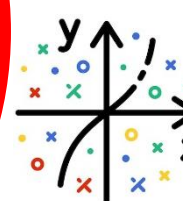
Standard index form

Brackets, equations & inequalities

Sequences

Representing data

Working in the Cartesian plane



Solving ratio & proportion problems

Multiplicative change

Ratio & scale

Line symmetry & reflection

Indices

Multiplying & dividing fractions

YEAR
8

Sets & Probability

Addition & subtraction of fractions

Equality & equivalence

Sequences

Operations & equations with direct numbers

Solve problems with addition & subtraction

YEAR
7

ARE
YOU
READY?



Solve problems with multiplication & division

Prime numbers & proof

Understand & use algebraic notation

FDP Equivalence

Fractions & percentages of amounts



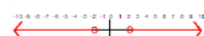
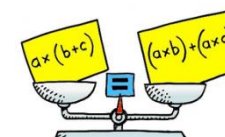
$\frac{1}{2}$



$\frac{2}{3}$



$\frac{3}{4}$



welcome

16:9

BODMAS



Constructing, measuring & using geometric notation

Develop geometric reasoning

Year 7
End of Year Exam



3D shapes

Area of trapezia & circles

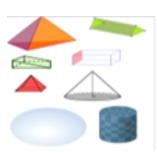
Number sense

The data handling cycle



Measures of location

Angles in parallel lines & polygons



Forming & solving equations

Using percentages

