

# Mathematics – Learning Journey



GCSE RESULTS DAY

Revision & Exam Practice



Listing & describing

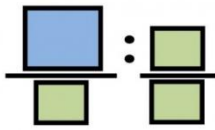
$$P(A/B) = \frac{P(A \cap B)}{P(B)}$$

Algebraic reasoning

Geometric reasoning

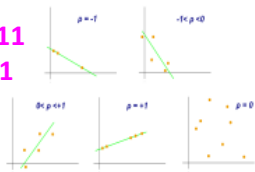
Transforming & constructing

Multiplicative reasoning



Functions

Year 11 PPE 1



Changing the subject

$$E=mc^2$$

Expanding & factorising

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

Show that...



Develop wellbeing & relaxation techniques



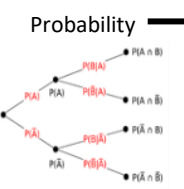
GCSE Examinations

Continue your lifelong love of learning & personal development

Collecting, representing & interpreting data

Manipulating expressions

Year 10 PPEs (formal exam)



Percentages & interest

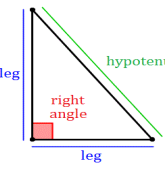


$$(x+a)(x+b) = x^2 + (a+b)x + ab$$

Forming & solving equations

Constructions & congruency

Enlargement & similarity



Probability



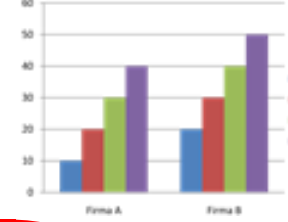
YEAR 10

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

End of Key Stage 3



End of Year Exam (formal)



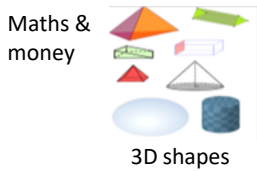
Rates



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

Pythagoras' theorem

Straight line graphs



3D shapes

Angles in parallel lines & polygons

Using percentages



Maths & money

Rotations & translations



Area of trapezia & circles

Number sense



Fractions & percentages

Standard index form

End of Year Exam (formal)



Representing data