

YEAR 12



St. Aldhelm's Academy



GCSE

Trigonometry – Sine, Cosine and Tangent

GCSE Exams

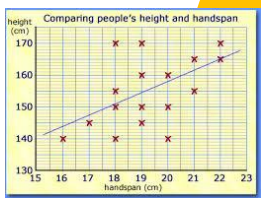


Pythagoras' Theorem

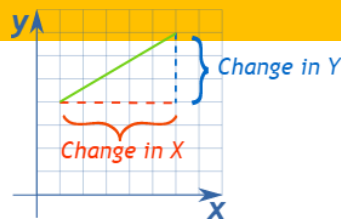
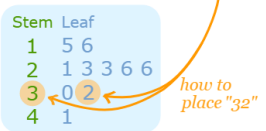
Transformations – Translation, Rotation, Reflection, Enlargement

Averages – Mean, Median, Mode and Range

Mocks/Revision



15, 16, 21, 23, 23, 26, 26, 30, 32, 41



Draw and calculate with Stem and Leaf Diagrams

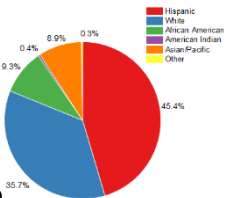
Find averages from a frequency tables

Draw straight-line graphs for real life situations

Find the gradient of a line from a graph

Scatter Graphs

Draw and interpret Pie Charts



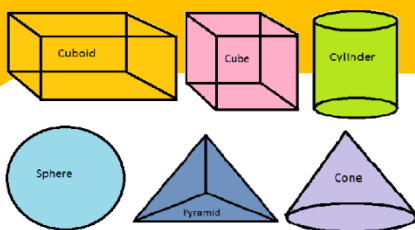
Draw and interpret Bar Charts

Design and complete frequency tables

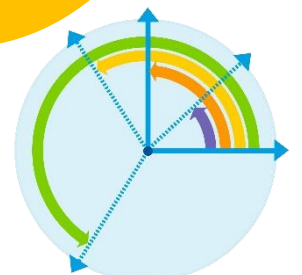
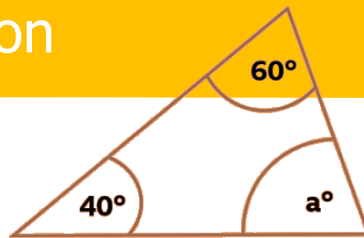
Find the gradient of a line from points

Plot and draw linear graphs in the form $y=mx+c$

Find the volume of 3D shapes



Mocks/Revision



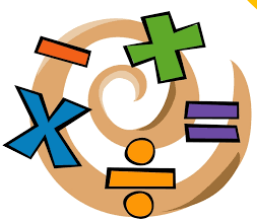
Calculate the surface area of 3D shapes

Find the area of simple and compound shapes

Convert between Metric Units

Identify properties of triangles and quadrilaterals

Identify acute, obtuse and reflex angles

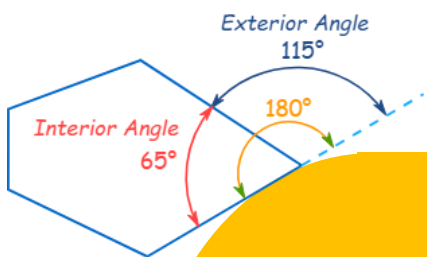


Sketch the nets of 3D shapes

Find the perimeter of simple and compound shapes

Calculate the sum of internal and external angles in polygons

Draw and measure angles using a protractor



Write a ratio as a fraction

Share a quantity in a two or three part ratio

Recognise and solve problems involving direct and indirect proportion

Speed, Distance and Time

Write Ratios to describe a situation

Write ratios in the form 1:n and n:1

Use ratio in context

Currency Conversion

Write Ratios to describe a situation



Recap and Review

YEAR 11



welcome

