

Scheme of Learning: Year 11 Foundation Autumn Term

Topic Sequence: Geometry and Measure

1	2
Pythagoras and Trigonometry recap	3D shapes, plans and elevations

Topic Overview: 3D shapes, plans and elevations

Students recap finding the volume and surface area of 3D shapes – both prisms and pyramids. They also investigate plans, elevations and nets of 3D shapes, sketching the shapes

Learning Sequence:

Plans elevations and nets

Students investigate and draw the different aspects of 3D shapes

Volume of 3D shapes recap

Students recap finding the volume of 3D shapes – including both prisms and pyramids

Surface area of 3D shapes

Students recap finding the surface area of 3D shapes – including both prisms and pyramids

Sequence of Learning:

1	Plans, elevations and nets
2	Volume of 3D shapes
3	Surface area of 3D shapes

Topic Resources:

Knowledge Map:

Constructions
3D shapes

Assessment:

Knowledge:

End of Topic test

Application of Knowledge:

Termly summative assessment

Supportive Reading:

Any supported reading listed here

Sparx Maths www.sparxmaths.co.uk

Corbett Maths : www.corbettmaths.com

AQA Revision Guide