

# SENIOR SCHOOL

preparing for the world

## IGCSE Mathematics- Module 2 -Geometry and Constructions

By the end of this unit we will have covered the following areas.

Objective	Revision Guide Ch.	Can do?	Ex. book page ref.	Revised?
Measure lines and angles	26		tenticks	
Construct a triangle given 3 sides	27		142-143	
Construct simple geometrical figures using protractors, compasses and rulers	27		142-143	
Construct angles bisectors and perpendicular bisectors	27		142-143	
Read and make scale drawings	27		19-21 193-194	
Use the following loci: given distance from a point and straight line, equidistant from 2 points, equidistant from 2 intersecting straight lines	30		143-145	
Use and interpret the geometrical terms used with angles	29		115-119	
Know, use and interpret the terms similarity and congruence	26		124-127	
Know and use the vocabulary of triangles, quadrilaterals, circles, polygons and simple solid figures	26		115-119,122	
Use relationships between lengths, areas and volumes of similar figures, including similar triangles	26		128-134	
Calculate unknown angles using the following geometrical properties: with intersecting lines, parallel lines, in regular and irregular polygons (including triangles and quadrilaterals), using circle geometry.	29		115-119 134-141	
Recognise rotational and line symmetry	28		122-124	
Know properties of triangles, quadrilaterals and circles relating to their symmetries	28		115,122 134-141	
Recognise symmetry properties of the prism and pyramid	28		mymaths	

### Vocabulary:



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