

SENIOR SCHOOL

preparing for the world

I

IGCSE Mathematics Module 8

Trigonometry

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

Objective	Revision Guide Ch.	Can do?	Ex. book page ref.	Revised?
Interpret and use three-figure bearings	32		182-193	
Apply Pythagoras' Theorem in right-angles triangles	32		119-121	
Apply the use of the sine, cosine and tangent ratios for acute angles in right-angled triangles	32		182-193	
Solve two dimensional problems involving angles of elevation and depression	32		196	
Extend sine and cosine values to angles between 90° and 180°	32		197-199	
Solve problems using the sine and cosine rules	32		199-205	
Use the formula $0.5ab \sin C$ to find the area of a triangle	32		84-85	
Solve simple trigonometrical problems in three dimensions including angle between a line and a plane	32		194-196	

Vocabulary:

