

SENIOR SCHOOL

preparing for the world

IGCSE Mathematics Module 7 Statistics and Probability

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

Objective	Revision Guide Ch.	Can do?	Ex. book page ref.	Revised?
Collect, classify and tabulate statistical data	33			
Interpret statistical data from tables and statistical diagrams	33			
Construct and use: Bar charts, pie charts and pictograms	33		307-311	
Constructing histograms. Using areas as proportional to the frequency.	33		311-314	
Calculating the Mode, Mean and Median for discrete data. Calculating the range.	33		315-318	
Estimate the mean from grouped frequency tables	33		PPs	
Constructing cumulative frequency tables	33		324-327	
Finding the median, upper and lower quartiles from a cumulative frequency graph.	33		324-327	
Calculate the probability of a single event as a fraction or a decimal from 0 to 1.	34		327-331	
Understand about compliments of events.	34			
Calculate the probability of simple combined events using sample space diagrams.	34		328-331	
Constructing and using probability tree diagrams.	34		333-339	
Using probability tree diagrams to solve simple conditional probability problems	34		333-339	

Vocabulary:

