SENIOR SCHOOL

preparing for the world

Mathematics IGCSE - Module 1

Number (1)

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

Objective	Revision Guide Ch.	Can do?	Ex. book page ref.	Revised?
Calculate squares, square roots, cubes and cube roots.	2		MM	
Use directed numbers in practical situations.	3		44	
(e.g. temperature change, flood levels)				
Operations involving fractions.	4		MM	
Converting between fractions, decimals and percentages.	4		21-27	
Ordering quantities by magnitude and understand the meaning of =, \neq , >, <, \leq , \geq .	5		5	
Use of standard index form in basic operations	6		13-15	
Order of operations – for use in calculations of whole numbers, decimal fractions and vulgar fractions.	7		MM	
Make estimates of numbers, quantities and lengths of objects in real life.			8	
Give approximations to specified numbers of significant figures and decimal places.	8		8-9	
Rounding off answers to an appropriate degree of accuracy.	8		9	
Understand the definition of: natural, integer, prime, square, rational, irrational and real numbers.	1		5-7	
Finding common factors and common multiples.	1		5-7 MM	
Recognise patterns in sequences and finding the <i>n</i> th term.	1		7-8	
Set notation and use of Venn diagrams.	1		241-249	
Give upper and lower bounds for data given to a specific level of accuracy.	9		9-12	
Give upper and lower bounds for calculations involving area and perimeter.	9		9-12	

Vocabulary:



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