BGCSE Mathematics: Paper 1 and Paper 2 (Core Level)

The Tutoring Station

Instructor: Mr. Sachin Lewis

15%

15%

Supplementary Materials:

~ Scientific Calculator

Course Requirements:

- ~ Complete all assignments in a timely fashion
- ~ Participate in live ZOOM conferences

The course is split into three parts, each covering a variety of topics.

Topics covered: Part 1

- a. Types of numbers
- b. Set notation and language
- c. Square, square root, cube and cube root
- d. Directed numbers
- e. Common fractions, decimal fractions and percentages.
- f. Comparing quantities
- g. Scientific notation
- h. The four rules (order of operations)
- i. Estimation
- j. Limits of accuracy
- k. Ratio, Proportion and rate
- 1. Percentages

Topics covered: Part 2

- a. Time
- b. Money, personal and household finance
- c. Graphs in practical situations
- d. Graphs of functions
- e. Equations of straight line graphs
- f. Algebraic representation and formulae
- g. Algebraic manipulation

i.	Indices		
j.	Algebraic equations		
k.	Linear inequalities and regions	S	
1.	Symmetry		
Topics covered: Part 3			20%
a.	Geometrical terms and relation	nships	
b.	Geometrical construction		
c.	Angle properties		
d.	Measurement		
e.	Trigonometry		
f.	Statistics		
g.	Probability		
h.	Vectors in two dimensions		
i.	Transformations		
~ BGCSE PAPER 1			25%
~ BGCSE PAPER 2			25%
		Total:	100%
		10001	100,70
Assign	nments: All assignments should	be emailed	to:
Part 1	: Students will complete an ass	ignment tha	t comprises of all topics under part 1.
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D 4.2	G. 1		
Part 2	: Students will complete an ass	ignment wh	ich tests the application of topics in part 2
Part 3	: Students will complete an ass	ignment wh	ich consists of all topics covered in part 3.
RCCS	SF. Paner 1 & 2. Students will a	comnlete on	e set of paper 1 and 2 of the Mathematics
BGCS		complete on	e set of paper 1 and 2 of the Mathematics

h. Functions