ST MARKS EDUCATION CENTRE

The centre is a tutoring service for Year 11 and 12 Students in a number of subjects and offered by qualified servants in the church.

There will be no tuition fees, but we ask that students, instead, consider donating a small amount to the St Wanas Foundation each class.

Lessons will be held in the Habib Girguis Building and upcoming classes are as follows:

MONDAY	TUESDAY	THURSDAY	FRIDAY
CHEMISTRY	COMBINATORICS, PROBABILITY & BINOMIAL	BIOLOGY	MATHS ADVANCED
Year 12	Year 11 & 12	Year 12	Year 12
7.30-8.30pm	7-8.30pm	7-8.pm	7-8.30pm
Hanaan Saad	Abouna Jonathan	Dr Bassem Wilson	Mamdouh Girgis

Lessons will begin on the week of 7 November 2022. For the weeks beginning 28 November 2022 and 5 December 2022, Chemistry will be held on Thursdays those weeks.

At this stage the classes will run during school term, but individual tutors may decide to continue classes during the school holidays, subject to their availability. We will advise students of any future holiday classes that may arise.

Students can register by completing the following form _as soon as possible_: https://forms.gle/KAYLPYhkx1Cys5nA7

Questions can be directed to Rebecca Mikhail on 0450522083 or rmik@hotmail.com

The lesson programs are as follows:

CHEMISTRY PROGRAM	
7/11	Basics from Year 11 and Introduction to Module 5
14/11	Reversible and Irreversible reactions, dynamic and static equilibrium
21/11	Le Chatelier's Principle
1/12	Le Chatelier's Principle
8/12	Calculating KEQ
12/12	Molar solubility and KSP
19/12	KSP Calculations

COMBINATORICS, PROBABILITY & BINOMIAL PROGRAM	
7/11	Combinations
14/11	Permutations and Probability
21/11	Binomial theory and application

ADVANCED MATH PROGRAM		
Session No.	What you need to know (Background knowledge) Time (25 - 30 min)	Yr12 Topics, Time (50 – 60 min)
Session 1	Surds & Indices, Expo & Log (90 min)	x
Session 2	Graphing (Quadratics, Cubics, …) / Revision (90min)	x
Session 3	Function (working with Functions)	Functions (Graphics, Transformation)
Session 4	Function (working with Functions)	Functions (Graphics, Transformation)
Session 5	Revision/ Discussion / Assessment	
Session 6	Trigonometric Functions (Solving, Identities)	Trig Functions (Graphics, Transformation)
Session 7	Trigonometric Functions (Solving, Identities)	Trig Functions (Graphics, Transformation)
Session 8	Trigonometric Functions (Solving, Identities)	Trig Functions (Graphics, Transformation)
Session 9	Revision/ Discussion / Assessment	
Session 10	Calculus (Limits, Diff)	Calculus (Diff, Integ & Applications)
Session 11	Calculus (Limits, Diff)	Calculus (Diff, Integ & Applications)
Session 12	Calculus (Limits, Diff)	Calculus (Diff, Integ & Applications)
Session 13	Revision/ Discussion / Assessment	
Session 14	Statistics (Analysis & Probability)	Statistics (Random / Bivariate, PDF, CDF)
Session 15	Statistics (Analysis & Probability)	Statistics (Random / Bivariate, PDF, CDF)
Session 16	Statistics (Analysis & Probability)	Statistics (Random / Bivariate, PDF, CDF)
Session 18	Revision/ Discussion / Assessment	
Session 19		Financial math (Series & Sequences/ Appl)
Session 20		Financial math (Series & Sequences/ Appl)
Session 21	Revision/ Discussion / Assessment	