



**COMMONWEALTH SECONDARY SCHOOL  
DEPARTMENT OF MATHEMATICS  
SECONDARY ONE NORMAL TECHNICAL MATHEMATICS  
COURSE OUTLINE 2018**

**SCHEDULE FOR INSTRUCTION**

Term/Week	Topic	Textbook
T1/W2 - 3	Triangles and Quadrilaterals	Chapter 1
T1/W4-5	Congruency and Similarity	Chapter 2
T1/W6-8	Algebraic Manipulation	Chapter 3
T1/W9-10	Linear Equations	Chapter 4
T2/W1-2	Rate and Proportion	Chapter 5
T2/W3-4	Functions and Graphs	Chapter 6
T3/W1-2	Pythagoras' Theorem	Chapter 7
T3/W3-4	Prisms and Cylinders	Chapter 8
T3/W5-6	Data Analysis	Chapter 9
T3/W7-8	Probability	Chapter 10
T3/W9-10	Mathematics in Practical Situations II	Chapter 11

**TEACHERS:**

S2-1: Mr Rizman Hassan (Ext 156)

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**REFERENCES****Basic text:**

Mathematics 360 Normal (Technical) Textbook and Workbook

**Other references:**

- Cambridge GCE N Level Mathematics 4046 Syllabus
- Additional hand-outs may be provided to supplement the textbook

**ASSESSMENT****(i) Components of Assessment**

<b>CA1 (10%)</b>	<b>SA1 (25%)</b>	<b>CA2 (20%)</b>		<b>SA2 (45%)</b>
Quiz	Mid Year Exam	Quiz	Alternative Assessment	EOY Examination
10%	25%	10%	10%	45%

**(ii) Details of Assessment****Continual Assessment (CA)**

<b>S/N</b>	<b>Assessment Component</b>	<b>Term/Week</b>	<b>Format</b>
1	Topical Quizzes	After every topic	Duration: 10 to 15 min
2	Alternative Assessment	Term 3	Individual work or group work Duration: 2 – 5 hours