



**COMMONWEALTH SECONDARY SCHOOL**  
**DEPARTMENT OF MATHEMATICS**  
**SECONDARY ONE (NORMAL ACADEMIC) MATHEMATICS**  
**COURSE OUTLINE 2018**

**SCHEDULE FOR INSTRUCTION**

Topic
Chapter 1: Linear Equations and Inequalities in One Variable
Chapter 2: Coordinates and Linear Functions
Chapter 3: Proportion
Chapter 4: Linear Equations In Two Variables
Chapter 7: Quadratic Expressions and Factorisation
Chapter 8: Special Products of Quadratic Expressions
Chapter 5: Geometrical Constructions
Chapter 6: Congruence And Similarity
Chapter 9: Simple Algebraic Fractions
Chapter 10: Pythagoras' Theorem
Chapter 11: Mensuration Of Pyramids, Cones And Spheres
Chapter 12: Data Analysis
Chapter 13: Probability

**TEACHERS:**

S2-2:	Mrs Ang Yee May	<a href="mailto:wong.yeemay@commonwealthsec.moe.edu.sg">wong.yeemay@commonwealthsec.moe.edu.sg</a>
S2-3:	Mr Kenneth Lim	<a href="mailto:kenneth.lim@commonwealthsec.moe.edu.sg">kenneth.lim@commonwealthsec.moe.edu.sg</a>
S2-4:	Ms Fong Sook Theng	<a href="mailto:fong.sooktheng@commonwealthsec.moe.edu.sg">fong.sooktheng@commonwealthsec.moe.edu.sg</a>

**REFERENCES**

**Basic text:**

Discovering Mathematics 2A & 2B

**Other references:**

- Ten Year Series
- Cambridge GCE O Level Mathematics 4048 Syllabus
- Additional hand-outs will be provided to supplement the textbook where necessary

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

<b>CA1 (10%)</b>	<b>SA1 (25%)</b>	<b>CA3 (20%)</b>		<b>SA (45%)</b>
Quiz	Mid Year Examination	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 2 Week 8	Individual work or group work Duration: 2 – 5 hours