



**COMMONWEALTH SECONDARY SCHOOL**  
**DEPARTMENT OF SCIENCE**  
**SECONDARY TWO EXPRESS SCIENCE**  
**COURSE OUTLINE 2018**

**SCHEDULE FOR INSTRUCTION**

Term/Week	Topic	Textbook
T1/W2 - 3	Model of Matter - Atoms and Molecules	[Volume A] Chapter 8
T1/W4 - 5	Exploring Diversity of Matter by Its Chemical Composition: Elements, Compounds & Mixtures	[Volume A] Chapter 3
T1/W6	Exploring Diversity of Matter by Its Chemical Composition: Solutions & Suspensions	[Volume A] Chapter 3
T1/W7 - 8	Exploring Diversity of Matter Using Separation Techniques	[Volume A] Chapter 4
T1/W9 - 10	Model of Matter - The Particulate Models of Matter	[Volume A] Chapter 7
T2/W1 - 2	Chemical Changes: Acids, Alkalis & Indicators	[Volume B] Chapter 18
T2/W3 - 4	Chemical Changes: Changing Matter	[Volume B] Chapter 18
T2/W5	MYE Revision	
T2/W6 - 8	MYE	
T2/W9 - 10	MYE Consolidation	
T3/W1-3	Effects of Heat and its Transmission	[Volume B] Chapter 17
T3/W4-7	Electrical System	[Volume B] Chapter 13
T3/W8-W10	Ray Model of Light	[Volume A] Chapter 9
T4/W1	EOY Revision	
T4/W2 - 4	EOY	
T4/W5 - 6	EOY Consolidation	

**TEACHERS:**

S2-6, S2-7: Mr Kee Jun Wei (Ext 148) [junwei.kee@commonwealthsec.moe.edu.sg](mailto:junwei.kee@commonwealthsec.moe.edu.sg)  
(Level Coordinator)

S2-5, S2-8: Ms Norilah (Ext 149) [norilah.kechik@commonwealthsec.moe.edu.sg](mailto:norilah.kechik@commonwealthsec.moe.edu.sg)

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

- 1) Lower Secondary Science Matters Textbook Volume A [2nd edition]
- 2) Lower Secondary Science Matters Textbook Volume B [2nd edition]

**Other references:**

- Additional hand-outs will 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>
Class Tests	Mid Year Examination	Class Tests	Alternative Assessment	End of Year 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	Class tests	After every 1 – 2 topics	Duration: 25 - 45 min
2	Alternative Assessment	Term 1 Week 6 - Term 2 Week 1	Group Work

**Semestral Assessment (SA)**

<b>S/N</b>	<b>Assessment Component</b>	<b>Term/Week</b>	<b>Format</b>
1	Mid Year Examination	Term 2 Week 6 - 8	Duration: 2 hours Section A: MCQ (30 marks) Section B: Structured & Free Response (70 marks) Total: 100 marks
2	End of Year Examination	Term 4 Week 2 - 4	Duration: 2 hours Section A: MCQ (30 marks) Section B: Structured & Free Response (70 marks) Total: 100 marks