



COMMONWEALTH SECONDARY SCHOOL
DEPARTMENT OF SCIENCE
SECONDARY TWO NORMAL ACADEMIC 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: Particulate Model of Matter	[Volume A] Chapter 7
T2/W1 - 2	Chemical Changes: Acids and Alkalis	[Volume B] Chapter 18
T2/W3 - 4	Chemical Changes: Changing Matter	[Volume B] Chapter 18
T2/W5	Revision	
T2/W6 - 8	Mid Year Examination	
T2/W9 - 10	Mid Year Examination Consolidation	
T3/W1 - 3	Effects of Heat and Its Transmission	[Volume B] Chapter 17
T3/W4 - 7	Electrical Systems	[Volume A] Chapter 13
T3/W8 - 10	Ray Model of Light	[Volume A] Chapter 9
T4/W1	Revision	
T4/W2 - 4	End of Year Examination	
T4/W5 - 6	End of Year Examination Consolidation	

TEACHERS:

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REFERENCES**Basic Textbooks:**

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

Other references:

- Additional hand-outs will be provided to supplement the textbook

ASSESSMENT**(i) Components of Assessment**

CA1 (10%)	SA1 (25%)	CA2 (20%)		SA2 (45%)
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)**

S/N	Assessment Component	Term/Week	Format
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)

S/N	Assessment Component	Term/Week	Format
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