



**COMMONWEALTH SECONDARY SCHOOL  
SCIENCE DEPARTMENT  
SECONDARY 1 NORMAL ACADEMIC  
BIOLOGY  
COURSE OUTLINE 2017**

**Schedule**

S/N	Term/Week	Topic	Textbook	Workbook/ Worksheet
1	T3W1 <i>*Hari Raya Puasa (26 June / Mon)</i>	Cells	Vol A. pg 107-122	WS & Practical
2	T3W2 <i>*Youth Day School Holiday (03 Jul / Mon)</i>	Cells  Transport Systems in Organisms	Vol. B. pg 3-22	WS & Practical
3	T3W3	Transport Systems in Organisms		
4	T3W4	Transport Systems in Organisms  Human Digestive System	Vol. B. pg 23-42	WS & Practical
5	T3W5	Human Digestive System		
6	T3W6	Understanding Diversity of Organisms	Vol.A. pg 83-106	WS
7	T3W7 <i>*NDP Celebration and Awards Day (08 Aug / Tues) *ND PH (09 Aug / Wed) *ND SH (10 Aug / Thurs)</i>	Understanding Diversity of Organisms		
8	T3W8	Understanding Diversity of Organisms  Interactions within Ecosystem	Vol. B. pg 195-221	WS
9	T3W9 <i>*E-learning Day (23 Aug / Wed)</i>	Interactions within Ecosystem		
10	T3W10 <i>*Teachers Day Celebrations (30 Aug / Wed) *Teachers Day SH (01 Sep / Thurs) *Hari Raya Haji PH (02 Sep / Fri)</i>	Human Sexual Reproductive System	Vol. B. pg 43-62	WS

S/N	Term/Week	Topic	Textbook	Workbook/ Worksheet
11	T4W1	Human Sexual Reproductive System		
12	T4W2	Revision		

**Name of level/stream coordinator:** Ms Rasyidah Rashid  
**Contact:** Ext no. 186  
**Email:** rasyidah.rashid@commonwealthsec.moe.edu.sg

**Name of teachers:** Mr Tan Jack Woan  
**Contact:** Ext no. 113  
**Email:** tan.jackwoan@commonwealthsec.moe.edu.sg

### **Textbook / Workbook**

Lower Secondary Science Matters (2<sup>nd</sup> Edition) Volume A

Chapter 5 Understanding Diversity of Organisms

Chapter 6 Model of Cells – the Basic Units of Life

Lower Secondary Science Matters (2<sup>nd</sup> Edition) Volume B

Chapter 10 Transport Systems in Organisms

Chapter 11 Human Digestive Systems

Chapter 12 Human Sexual Reproductive system

Chapter 19 Interactions within Ecosystems

### **Assessment Overview**

CA2	SA2
20%	45%
-	End-Year Exam

### **CA2 Assessment**

S/N	Assessment Component	Date	Topics Tested	Weighting	Format
1	Model making (AA2)	T3W4	1. Cells	5%	Checklist & Rubrics
3	Class Test 1	T3 W7- W8	1. Cells 2. Transport Systems in Organisms 3. Human Digestive System	5%	20 - 30 min (MCQ and structured questions)
4	Class Test 2	T3W10- T4W1	1. Understanding Diversity of Organisms 2. Interactions within Ecosystem. 3. Human Sexual Reproduction	5%	20 - 30 min (MCQ and structured questions)
5	Physics AA1	-	Physics AA marks which was conducted earlier will be recorded in CA2.	5%	-

### **SA2 Assessment**

S/N	Assessment	Date	Topics Tested	Weighting	Format
1	End-Year Exam	T4W2 to T4W4	All Sem 1 Physics & Sem 2 Biology topics	45% (70%Biology, 30%Physics)	<u>2 h paper</u> <b>Section A</b> (30 marks): MCQ; <b>Section B</b> (40 marks): structured questions <b>Section C</b> (30 marks): free response question