

Scope and Sequence Document for: IGCSE Biology

Tutor	Aileen Seymour		
Tutor Qualifications	BSc Biology & Chemistry (London), PGCE (Oxford)	IGCSE/A level Exam board & Specification No.	IGCSE Biology CAiE 0610 / 0970 (UK)
Resources Required	<p>Cambridge IGCSE Biology Coursebook; Jones & Jones, CUP, 4th edition, 2021 (ISBN: 9781108936767) – this will be referred to as Textbook (TB)</p> <p>Cambridge IGCSE Biology Workbook; Jones & Jones, CUP, 4th edition, 2021 (ISBN: 9781108947480) – this will be referred to as Workbook (WB)</p>		

Module No.	NSW week No.	Week beginning Monday the:	Contents of study
1	1	04/09/23	TP 1. CHARACTERISTICS & CLASSIFICATION SYSTEM. Characteristics, classification and keys
2	2	11/09/23	The 5 Kingdoms and the Animal Kingdom - Vertebrates
3	3	18/09/23	The Animal Kingdom - Arthropods; The Plant Kingdom; Viruses
4	4	25/09/23	PRACTICAL SKILLS 1: Drawing: Apparatus; Specimens & Magnification
5	5	02/10/23	TP 2. ORGANISATION OF ORGANISM. Cells - Animals and Bacteria
6	6	09/10/23	Cells - Specialised Sizes of Specimens
7	7	16/10/23	TP 3. MOVEMENT IN/OUT OF CELL. Diffusion
	8	23/10/23	Half Term
8	9	30/10/23	Osmosis- animal cells
9	10	06/11/23	Osmosis- plant cells, Active Transport
10	11	13/11/23	TP4. BIOLOGICAL MOLECULES. Carbohydrates and fats
11	12	20/11/23	Proteins and Structure of DNA
12	13	27/11/23	REVISION, CONSOLIDATION TP 1,2,3,4 (catchup if required)
13	14	04/12/2023	PRACTICAL SKILLS 2: Method, Results, Conclusion
14	15	11/12/2023	TP5. ENZYMES Biological Catalysts
	16	18/12/2023	Christmas Holiday
	17	25/12/2023	Christmas Holiday

	18	01/01/2024	Christmas Holiday
15	19	08/01/2024	Factors Affecting Enzymes & Practicals
16	20	15/01/2024	TP6. PLANT NUTRITION. Making Carbohydrates
17	21	22/01/2024	Leaves & practical
18	22	29/01/2024	Factors affecting Photosynthesis
19	23	05/02/2024	TP7. HUMAN NUTRITION. Diet and Digestive System
20	24	12/02/2024	Digestion, Absorption and Assimilation
	25	19/02/2024	Half Term
21	26	26/02/2024	PRACTICAL SKILLS 3: Design
22	27	04/03/2024	TP8. TRANSPORT IN PLANTS. Xylem, Phloem and Water
23	28	11/03/2024	Translocation of Sucrose and Amino Acids
24	29	18/03/2024	REVISION, CONSOLIDATION TP 5,6,7,8
25	30	25/03/2024	TP9. TRANSPORT IN ANIMALS. Circulatory Systems and Heart
	31	01/04/2024	Easter Holiday
	32	08/04/2024	Easter Holiday
	33	15/04/2024	Easter Holiday
26	34	22/04/2024	Blood Vessels and Blood
27	35	29/04/2024	TP10. DISEASE AND IMMUNITY. Transmission of Pathogens
28	36	06/05/2024	Immune Response
29	37	13/05/2024	TP11. RESPIRATION AND GAS EXCHANGE. Respiration
30	38	20/05/2024	Gas Exchange
	39	27/05/2024	Half Term
31	40	03/06/2024	REVISION, CONSOLIDATION TP 9,10,11
32	41	10/06/2024	REVISION ALL TOPICS FOR END OF YEAR EXAM.
33	42	17/06/2024	End of Year YR 10 EXAM WEEK.
34	43	24/06/2024	Review and corrections of Yr 10 Exam
35		Bonus summer lesson	Notable Biologists and Discoveries
36		Bonus summer lesson	Review

NSW Summer holiday period – 1 July – 30 August 2024			
37	1	02/09/2024	TP12. COORDINATION AND RESPONSE Nervous System and Sense Organs
38	2	09/09/2024	Hormones; Coordination in plants
39	3	16/09/2024	TP13. Excretion and Homeostasis Excretion
40	4	23/09/2024	Homeostasis
41	5	30/09/2024	TP14. Reproduction in Plants Asexual and sexual
42	6	07/10/2024	Advantages and Disadvantages of methods of Reproduction
43	7	14/10/2024	Revision and consolidation TP 12,13,14
	8	21/10/2024	Half Term
44	9	28/10/2024	TP15. Reproduction in Humans The Reproductive systems
45	10	04/11/2024	Sexually Transmitted Infections
46	11	11/11/2024	TP16. Chromosomes. Genes and Proteins Chromosomes, Cell Division, Inheriting Genes
47	12	18/11/2024	Genes and Protein Synthesis
48	13	25/11/2024	TP17. Variation and Selection Variation
49	14	02/12/2024	Selection
50	15	09/12/2024	Revision and Consolidation TP 15, 16, 17
	16	16/12/2024	Christmas Holiday
	17	23/12/2024	Christmas Holiday
	18	30/12/2024	Christmas Holiday
51	19	06/01/2025	TP18. Organisms and their environment Energy flow, Food webs
52	20	13/01/2025	Nutrient Cycles/ Populations
53	21	20/01/2025	REVISION /PAST PAPERS
54	22	27/01/2025	MOCK EXAM
55	23	03/02/2025	Review/corrections of Year 11 mock exam
56	24	10/02/2025	TP19. Human influences on Ecosystems Human Pressure
	25	17/02/2025	Half Term
57	26	24/02/2025	Conservation
58	27	03/03/2025	TP20, Biotechnology and Genetic Modification Biotechnology
59	28	10/03/2025	Genetic Modification

60	29	17/03/2025	Revision and past paper practice
	30	24/03/2025	
	31	31/03/2025	Easter Holiday
	32	07/04/2025	Easter Holiday
	33	14/04/2025	Easter Holiday
	34	21/04/2025	
	35	28/04/2025	
	36	05/05/2025	
	37	12/05/2025	
	38	19/05/2025	
	39	26/05/2025	Half Term
	40	02/06/2025	
	41	09/06/2025	
	42	16/06/2025	
	43	23/06/2025	