

## Class of 2021 - IB Biology A & B: Scope & Sequence 2019-20

Term 1: IB Biology A			
Week	IB Topic	Unit Name	Unit Subtopic
1	2.1	Biochem	Molecules to Metabolism
2	2.2, 2.3, 2.4	Biochem	Water Carbohydrates & Lipids Proteins
3	2.5	Biochem / Cells	Enzymes
4	1.1, 1.2, 1.5	Cells	Intro to Cells Ultrastructure of cells Origin of Cells
5	1.3, 1.4	Cells	Membrane Structure Membrane Transport
6	2.9	Photosynthesis	Photosynthesis
7	2.8	Cell Respiration	Cell Respiration
8	1.6, 3.3	Cell Cycle / Genetics	Cell Division Meiosis
9	3.1, 3.2, 3.4	Genetics	Genes Chromosomes Inheritance
10			
11	2.6	DNA	Structure of DNA & RNA
12	2.7	DNA	DNA Replication, Transcription, Translation

## Class of 2021 - IB Biology A & B: Scope & Sequence 2019-20

Term 2: IB Biology B			
Week	IB Topic	Unit Name	Unit Subtopic
1	5.1, 5.2	Evolution	Evidence for evolution Natural selection
2		Evolution	
3		Evolution	
4	5.3, 5.4	Classification	Classification of Biodiversity Cladistics
5		Animals	Structure and Function of Animals
6	(9.1-9.4)	Plants	Structure and Function of Plants
7	4.2	Ecology	Energy Flow
8	4.3, 4.4	Ecology	Carbon Cycling Climate Change
9	4.1	Ecology	Species, Communities, Ecosystems
10		Ecology	
11	6.5	Physiology	Neurons and synapses
12	6.3	Physiology	Defence against infection disease