

Class of 2020 - IB Biology A & B: Scope & Sequence 2018-19

Term 1: IB Biology A				
Week	IB Topic	Unit Name	Unit Subtopic	Activities & Resources
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	

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Term 2: IB Biology B				
Week	IB Topic	Unit Name	Unit Subtopic	Activities & Resources
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	