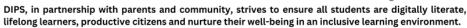




## **Dubai International Private School (Al-Quoz)**





"Empowering Minds, Inspiring Hearts, Shaping the Future" "تمكين العقول، إلهام القلوب، تشكيل المستقبل"

**Subject Matter: AP Biology** 

Semester: 2 2024 – 2025

Grade Level	12	Subject: AP Biology	
Teacher(s) Name	Mrs. Halima Issa		
Textbook			

Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code MOE
20	27 Jan	31 Jan	6.1 DNA and RNA Structure 6.2 Replication 6.3 Transcription and RNA Processing	
21	3 Feb	7 Feb	6.4: Translation 6.5 Regulation of Gene Expression.	
22	10 Feb	14 Feb	6.6: Gene Expression and Cell Specialization 6.7 Mutations 6.8 Biotechnology	
23	17 Feb	21 Feb	7.1 Introduction to Natural Selection 7.2 Natural Selection 7.3 Artificial Selection 7.4 Population Genetics	
24	24 Feb	28 Feb	7.5 Hardy-Weinberg Equilibrium 7.6 Evidence of Evolution 7.7 Common Ancestry 7.8 Continuing Evolution	

25	3 Mar	7 Mar	7.9 Phylogeny 7.10 Speciation 7.11 Extinction 7.12 Variations in Population 7.13 Origin of life on Earth
26	10 Mar	14 Mar	8.1 Responses to the environment 8.2 Energy flow through ecosystem 8.3 population ecology
27	17 Mar	21 Mar	8.4 Effect of density of population 8.5 Community Ecology 8.6 Biodiversity 8.7 Disruptions to Ecosystem
28	7 Apr	11 Apr	Extra Week to finalize any gap
29	14 Apr	18 Apr	Another Extra Week to finalize any gap
30	21 Apr	25 Apr	Revision and Practice
31	28 Apr	2 May	Revision and Practice
32	5 May	9 May	AP BIOLOGY COLLEGE BOARD EXAM May 5 <sup>th</sup> 2025
33	12 May	16 May	Final Exams (Grade 12)
34	19 May	23 May	Final Exams (Grade 12)