

YEAR 13 A - BIOLOGY

WEEK6 (26th April – 30thApril)

Work sent to students through Class Bio Whats App Group /Google Classroom

Topic 3:- Biodiversity & Topic 8: Gene Pool

L.O – To revise concepts on measuring Biodiversity- Species diversity, Allele frequency & Statistical testing

Biology Students Book 1 & 2

Monday – 1 st Period(GC)	<u>Topic 3:- Biodiversity & Topic 8: Gene Pool</u> Students to complete the assignment on Species diversity, Allele frequency & Statistical testing put in Google classroom
Monday –2 nd Period(Zoom)	Zoom discussion of questions on Species diversity, Allele frequency & Statistical testing https://www.youtube.com/watch?v=u9EVOzVJeZc https://www.youtube.com/watch?v=KmqgZvUog3k
Tuesday – 4 th Period (Asynchronous learning)	Much of the work on genomics has been done using animal models . Research on ethical, economical & biological issues related to use of animal models . Include references to be turned in Google classroom .


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Topic 6.1: Microbial techniques and Antibiotics

L.O.: To revise the basic aseptic techniques and principles used in culturing organisms, methods of measuring growth and explain the role of antibiotics in the treatment of infectious diseases.

Tuesday- 5 th period	Microbial techniques: Revision on microbial techniques and antibiotics through AFL and practice on past paper questions (Zoom) https://www.youtube.com/watch?v=loyeVy1D-3o  Summary Notes - Topic 6 Edexcel (B) Biology A-Level.pdf
Thursday- 1 st and 2 nd period	https://www.youtube.com/watch?v=nWmYmt6cshE Powerpoint Past paper questions practice and discussion of answers GC Research on Pandemic COVID-19: Asynchronous

YEAR 13 B - BIOLOGY

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Topic 5.2 : Energy for Biological processes - Photosynthesis

L.O – To revise concepts on cyclic & Non cyclic Photo phosphorylation and limiting factor concepts

Topic 3:- Biodiversity & Topic 8: Gene Pool

L.O – To revise concepts on measuring Biodiversity- Species diversity, Allele frequency & Statistical testing

Biology Students Book 1 & 2

Sunday – 6 th Period (Zoom)	Topic 5.2 : Photosynthesis Zoom discussion of questions linked to Photosynthesis
Sunday – 7 th Period (Asynchronous learning)	Much of the work on genomics has been done using animal models . Research on ethical, economical & biological issues related to use of animal models . Include references to be turned in Google classroom
Monday – 3 rd Period (GC)	<u>Topic 3:- Biodiversity & Topic 8: Gene Pool</u> Students to complete the assignment on Species diversity, Allele frequency & Statistical testing put in Google classroom

YEAR 13 B - BIOLOGY

Week 6 (26th April to 30th April)

Work sent through Google classroom

Topic 1- Biological Molecules

L.O- Structure and functions of Carbohydrate ,proteins ,lipids, nucleic acids ,enzymes

Biology worksheet file, past papers and text book

Sunday -0 period	Google class room/ Online Quiz – Revision and discussion of topic wise questions—1.3 and 1.4 https://drive.google.com/open?id=1oM7IeP6wLElaDDN8rS-MNSc8DGcaOS8e
Monday 8 th period	Assigned work through Google classroom 1,3 and 1.4–Text book page no –36 to 66 Revise the concepts –MCQ and Short answered Questions
Thursday 7th period	Zoom class –discussion and clarification of doubts based on the topics 1.3 and 1.4