

YEAR 13 A - BIOLOGY

WEEK 7 (3rd May- 7th May)

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- Speciation, Genetic diversity ,Genetic drift ,Species diversity, Allele frequency & Statistical testing

Topic 7:- Modern genetics

L.O – To revise concepts on techniques used in measuring genetic diversity.

Biology Students Book 1 & 2

Monday – 1 st Period(Zoom)	<u>Topic 3:- Biodiversity & Topic 8: Gene Pool</u> Zoom discussion of questions on Statistical testing ,Speciation & Genetic Drift https://www.youtube.com/watch?v=XNN-ag_28pk https://www.youtube.com/watch?v=wWylCPXPLMU
Monday –2 nd Period(GC)	<u>Topic 3:- Biodiversity & Topic 8: Gene Pool</u> Students to complete the task on Species diversity, Allele frequency & Statistical testing put in Google classroom
Tuesday – 4 th Period (Asynchronous learning)	Research on new gene sequencing techniques that are being used in measuring genetic diversity in organisms . Include references to be turned in Google classroom .

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Topic 6.1: Action of Antibiotics

L.O.: To revise and explain the role of antibiotics in the treatment of infectious diseases.

Tuesday- 5 th period	Action of Antibiotics: Revision on action of antibiotics (Zoom) https://www.youtube.com/watch?v=nWmYmt6cshE
Thursday- 1 st period	AFL and practice on past paper questions : Antibiotics GC
Thursday – 2 nd Period (Asynchronous learning)	Research and prepare a write up on the stages of vaccine development and ethics in vaccine studies.

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Topic 7:- Modern genetics

L.O – To revise concepts on techniques used in measuring genetic diversity.

Topic 3:- Biodiversity & Topic 8: Gene Pool

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

Biology Students Book 1 & 2

Sunday – 6 th Period (Zoom)	<u>Topic 7:- Modern genetics</u> Zoom discussion of questions linked to Gene sequencing & task done on allele frequency ,sampling & statistical testing completed in GC https://www.youtube.com/watch?v=u9EVOzVJeZc
Sunday – 7 th Period (Asynchronous learning)	Research on new gene sequencing techniques that are being used in measuring genetic diversity in organisms . 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 task on

	Species diversity, Allele frequency & Statistical testing put in Google classroom
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YEAR 13 B - BIOLOGY

WEEK 7 (3rd May to 7th May)

Work sent through Google classroom/G mail/Online Quiz

Topic 6- Microbiology and Pathogens

L.O- Revise Bacteria and Pathogens ,Microbial Techniques, Non bacterial Pathogens and the response in infection

Biology worksheet file, Past papers and text book 2

Sunday -0 period	<p>Google class room/ Online Quiz –Revision and discussion of topic wise questions—6.1 and 6.2</p> <p>Text Book Page Numbers -42 to 74</p> <p>https://drive.google.com/open?id=1oM7IeP6wLElaDDN8rS-MNSc8DGcaOS8e</p>
Monday 8 th period	<p>Asynchronous learning-Research work</p> <p>1.Epidemiology of COVID 19</p>

	<p>2.Global impact of COVID 19</p> <p>3.Myths and facts of COVID 19</p> <p>Include Bibliography and upload your answers on Google classroom</p>
Thursday 7th period	<p>Zoom class –discussion and clarification of doubts based on the topics 6.1 and 6.2</p> <p>Text Book Page Numbers -42 to 74</p>