

YEAR 11 A -F BIOLOGY

WEEK 8 (10th May to 14th May)

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

Topic SB3-Genetics

L.O – To recall structure of DNA as a polymer made up of: (a) two strands coiled to form a double helix (b) strands linked by a series of complementary base pairs joined together by weak hydrogen bonds. Explain how the order of bases in a section of DNA decides the order of amino acids in the protein and that these fold to produce specifically shaped proteins such as enzymes

Biology Text Book and Board Exam Papers

<p>Sunday -5 th Period (girls)</p> <p>Sunday- 8 th Period (boys)</p>	<p>Zoom class –Revision</p> <p>Students able to</p> <ul style="list-style-type: none"> ●recall structure of DNA & process of protein synthesis <p>Text book Pages –54-59</p> <p>Resources:</p> <p>https://www.youtube.com/watch?v=C1CRrtkWwu0</p> <p>https://www.youtube.com/watch?v=2BwWavExcFI&t=35s</p>
<p>Sunday – 6 th period (girls)</p> <p>Monday - 4 th period (boys)</p>	<p>Students able to</p> <ul style="list-style-type: none"> ●recall structure of DNA & process of protein synthesis ●recall structure of DNA & process of protein synthesis <p>Students complete & turn in work on Topic SB3-Genetics posted in Google classroom using Google docs</p>
<p>Tuesday – 3rd period (boys)</p> <p>Tuesday -8th period (girls)</p>	<p>Asynchronous learning –</p> <p>Students to complete & turn in the research on “Chemical and functional aspects of Post translational Modifications of proteins”</p>
<p>Wednesday- 7 th period (girls)</p> <p>Thursday - 5 th period (boys)</p>	<p>Zoom class –Students to watch video on calorimeter</p> <p>https://www.youtube.com/watch?v=uz6201OJ1Qo</p> <p>Students able to</p> <ul style="list-style-type: none"> ● recall how the energy contained in food can be measured using calorimetry and complete the worksheet on calorimeter- analyzing & interpreting the data
<p>Wednesday- 8 th period (girls)</p> <p>Thursday - 6 th period (boys)</p>	<p>Students to complete & turn in work on Calorimeter posted in Google classroom using Google docs</p>

Year 11 D - Biology

Week 8 (10th May to 14th May)

Work sent through Google classroom/G mail/Online Quiz

Topic SB5–Health,Disease and the Development of Medicines

L.O- Describe, explain and analyse health and disease, communicable and non-communicable diseases ,lifecycles of virus, plant diseases and defences ,physical and chemical barriers ,immune system, antibiotics and monoclonal antibodies

Text Book and Board Exam Papers

Sunday – 5th &6th period (Girls)	Google classroom /Video conferencing–Revision of concepts based on the topic SB5 Students able to <ul style="list-style-type: none">●recall concepts on communicable and non-communicable diseases ,lifecycles of virus, plant diseases and defences, physical and chemical barriers ,immune system, antibiotics and monoclonal antibodies Resource: https://www.youtube.com/watch?v=O_a9BRQbVc0
Tuesday -8rd period (Girls)	Asynchronous learning-Research work A new medicine can only move to the next stage of testing when it has been successful in the previous stage .Describe the advantages and disadvantages of this including time and cost of development and task to be turned in Google classroom
Wednesday-7th &8th period (Girls)	Zoom class –Students to watch video on calorimeter https://www.youtube.com/watch?v=uz6201OJ1Qo Students able to <ul style="list-style-type: none">● recall how the energy contained in food can be measured using calorimetry and complete the worksheet on calorimeter- analyzing & interpreting the data Students to complete & turn in work on Calorimeter posted in Google classroom using Google docs