

YEAR 10 A-F – BIOLOGY

WEEK 10 (1st Nov to 5th November)

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

SB3h-INHERITANCE

L.O- Introducing Pedigree Concepts on Analysis.

<p>Sunday – 3rd Period (Boys)</p>	<p><u>ZOOM SESSION</u></p> <p>Students must watch the video link given below on</p> <p>https://www.youtube.com/watch?v=gDYRH08S-Z4</p> <p>https://www.youtube.com/watch?v=YhRxoA_49m8</p> <p>Read Text book Page- 66-67</p> <p>Complete Qn E1, & Exam style question</p> <p>Resources: PowerPoint /Board work & Video link</p> <p>Students able to:</p> <ul style="list-style-type: none">● Draw a Punnet square to determine the sex of the offspring.● Describe how the sex of offspring is determined using a genetic diagram .● Interpret pedigree charts linked with sex linked inheritance
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SB3h-INHERITANCE

L.O- Describe how the sex of offspring is determined at fertilisation, using genetic diagrams and Introducing Pedigree Concepts on Analysis.

<p>Sunday – 5th Period (Girls)</p>	<p><u>ZOOM SESSION</u></p> <p>Discussion of Text book questions-Page 68 and 69.</p>
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SB3h-INHERITANCE&INHERITED DISORDERS

L.O- Explain the pedigree analysis for dominant and recessive traits

<p>Monday-4th period (Boys) Tuesday -1st Period (Girls)</p>	<p><u>ZOOM SESSION</u></p> <p>Students must watch the video link given below on</p> <p>https://www.youtube.com/watch?v=9IsUSaQqk5M&t=378s</p> <p>https://www.youtube.com/watch?v=Q4hSQJ0bl9g</p> <p>Read Text book Page- 66-67</p> <p>Complete Qn S1& 5</p> <p>Resources: PowerPoint /Board work & Video link</p> <p>Students able to:</p>
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	<ul style="list-style-type: none"> ● Interpret pedigree charts linked with inherited disorders like autosomal dominant and recessive traits. ● Draw simple conclusions from the pedigree chart given related to dominant and recessive traits.
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SB3h-INHERITANCE

L.O- Explain how sex-linked genetic disorders are inherited

<p>Tuesday -2nd Period (Girls)</p> <p>Thursday-1st Period(Boys)</p>	<p><u>ZOOM SESSION</u></p> <p>Students must watch the video link given below on https://www.youtube.com/watch?v=3CtM4AaOxQQ</p> <p>Read Text book Page- 68-69</p> <p>Complete Qn 5-6& Exam style question</p> <p>Resources: PowerPoint /Board work &Video link</p> <p>Students able to:</p> <ul style="list-style-type: none"> ● Describe the dangers of a person suffering from haemophilia & colour blindness. ● Predict the probability of getting a diseased child if mother is a carrier and the father is normal. ● Draw simple conclusions from the pedigree chart related to sex linked inheritance. ● Analyse & interpret the pedigree chart related to sex linked disorders.
<p>Wednesday-4th period (Girls)</p> <p>Thursday-2nd Period (Boys)</p>	<p>GOOGLE CLASSROOM</p> <p>Students to complete the Worksheet SB3f.3 and turn in their work in Google Classroom.</p>