

## YEAR 10 A/D/E – BIOLOGY

WEEK 12 ( 15<sup>th</sup> Nov to 19<sup>th</sup> November)

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

### SB4c-Development of Darwin's theory

**L.O** – Recall Darwin's theory of evolution by natural selection with relevant examples .  
Types of fossils & fossil formation . Describe how the anatomy of the pentadactyl limb provides scientists with evidence for evolution. Discuss evolution of horse proving theory of natural selection

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| <p><b>Sunday – 5th Period (Girls)</b></p>            | <p><b><u>ZOOM SESSION</u></b></p> <p>Students must watch the video link given below on<br/><a href="https://www.youtube.com/watch?v=ID7qhn1ipmw">https://www.youtube.com/watch?v=ID7qhn1ipmw</a><br/><a href="https://www.youtube.com/watch?v=P5a3dAUod38">https://www.youtube.com/watch?v=P5a3dAUod38</a></p> <p>Read Text book Page- 80-81</p> <p>Complete 1-5 qns and S1</p> <p><b>Resources:</b> PowerPoint /Board work &amp;Video link</p> <p><b>Students able to:</b></p> <ul style="list-style-type: none"><li>●Define the terms fossils, evolution, fossilization and anatomy .</li><li>●<b>Explain</b> the different stages in the formation of fossils .</li><li>●<b>Describe</b> different types of fossils with examples .</li><li>●<b>Explain</b> how fossil record are used as evidence to support the idea of evolution</li></ul> |
| <p><b>Tuesday -1<sup>st</sup> Period (Girls)</b></p> | <p><b><u>ZOOM SESSION</u></b></p> <p>Students must watch the video link given below on<br/><a href="https://www.youtube.com/watch?v=VbmMRDDOVxg">https://www.youtube.com/watch?v=VbmMRDDOVxg</a></p> <p>Read Text book Page- 80-81</p> <p>Complete Exam Style question and qn 7</p> <p><b>Resources:</b> PowerPoint /Board work &amp;Video link</p> <ul style="list-style-type: none"><li>●<b>Describe</b> the pentadactyl limb in vertebrates to support the idea of evolution</li><li>●<b>Explain</b> how changes in the pentadactyl limb provide evidence for evolution by natural selection.</li><li>●How changes in horse evolution took place.</li></ul>                                                                                                                                                                                   |
| <p><b>Tuesday -2 nd Period (Girls)</b></p>           | <p><b><u>ZOOM SESSION</u></b></p> <p>Students to complete text book questions followed with<br/>Discussion of Text book questions- Page 78-81</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

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| Wednesday-4th period (Girls) | <p><b>GOOGLE CLASSROOM</b></p> <p>Students to complete the Worksheet SB3h.5 and turn in their work in Google Classroom.</p> |
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## YEAR 10 B/C/F – BIOLOGY

**WEEK 12 (15<sup>th</sup> Nov to 19<sup>th</sup> Nov)**

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

### **SB4c-Development of Darwin's theory**

**L.O-** Explain Darwin's theory of evolution by natural selection. Explain how the emergence of resistant organisms supports Darwin's theory of evolution including antibiotic resistance in bacteria. Describe how the anatomy of the pentadactyl limb provides scientists with evidence for evolution. Discuss evolution of horse proving theory of natural selection .

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| Sunday – 3rd Period (Boys) | <p><b><u>GOOGLE MEET</u></b></p> <p>Students must watch the video link given below on</p> <p><a href="https://www.youtube.com/watch?v=s64Y8sVYffY">https://www.youtube.com/watch?v=s64Y8sVYffY</a></p> <p><a href="https://www.youtube.com/watch?v=L8XYxNqEJqI">https://www.youtube.com/watch?v=L8XYxNqEJqI</a></p> <p>Read Text book Page- 80-81</p> <p>Complete qn7 and Exam style question- page -79</p> <p>Qn8, E1 and Exam style question –Page 81</p> <p><b>Resources:</b> PowerPoint /Board work &amp; Video link</p> <p><b>Students able to:</b></p> <ul style="list-style-type: none"> <li>● Define the term resistance.</li> <li>● Predict how Warfarin resistance evolved in rats.</li> <li>● <b>Explain</b> how the development of resistance in organisms supports Darwin's theory.</li> <li>● <b>Describe</b> the concept of evolution of MRSA bacteria.</li> <li>● <b>Justify</b> why was Darwin's theory of evolution better than earlier theories.</li> </ul> |
| Monday-4th period (Boys)   | <p><b><u>GOOGLE MEET</u></b></p> <p>Students must watch the video link given below on</p> <p><a href="https://www.youtube.com/watch?v=ID7qhn1ipmw">https://www.youtube.com/watch?v=ID7qhn1ipmw</a></p> <p><a href="https://www.youtube.com/watch?v=P5a3dAUod38">https://www.youtube.com/watch?v=P5a3dAUod38</a></p> <p>Read Text book Page- 80-81</p> <p>Complete 1-5 qns and S1</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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|                                     | <p><b>Resources:</b> PowerPoint /Board work &amp;Video link</p> <p><b>Students able to:</b></p> <ul style="list-style-type: none"> <li>●Define the terms fossils, evolution, fossilization and anatomy .</li> <li>●<b>Explain</b> the different stages in the formation of fossils .</li> <li>●<b>Describe</b> different types of fossils with examples .</li> <li>●<b>Explain</b> how fossil record are used as evidence to support the idea of evolution.</li> </ul>                                                                                                                                                                                                                                                                        |
| <b>Thursday- 1 st Period (Boys)</b> | <p><b><u>GOOGLE MEET</u></b></p> <p><b>Students must watch the video link given below on</b></p> <p><a href="https://www.youtube.com/watch?v=VbmMRDDOVxg">https://www.youtube.com/watch?v=VbmMRDDOVxg</a></p> <p>Read Text book Page- 80-81</p> <p>Complete Exam Style question and qn 7</p> <p><b>Resources:</b> PowerPoint /Board work &amp;Video link</p> <ul style="list-style-type: none"> <li>●<b>Describe</b> the pentadactyl limb in vertebrates to support the idea of evolution</li> <li>●<b>Explain</b> how changes in the pentadactyl limb provide evidence for evolution by natural selection.</li> <li>●How changes in horse evolution took place.</li> </ul> <p><b>Students to complete text book questions Page 78-81</b></p> |
| <b>Thursday-2nd Period (Boys)</b>   | <p><b>GOOGLE CLASSROOM</b></p> <p><b>Students to complete the Worksheet SB3i.4 and turn in their work in Google Classroom.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |