

YEAR 9 A-F - BIOLOGY

WEEK 7 (11th October to 15th October)

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

Topics 1g: Enzymes

L.O.: Explain the mechanism of enzyme action including the active site and enzyme specificity and how enzymes can be denatured due to changes in the shape of the active site.

Sunday-Zero period(boys) Sunday-7 th period(girls)	<p>Zoom Session: Explain the mechanism of enzyme action including the active site and enzyme specificity</p> <p>Resources: Video Links & Power point https://www.youtube.com/watch?v=VNX9UQ08fZ4</p> <p>Textbook pages: Pages 18-19</p> <p>Students able to:</p> <ul style="list-style-type: none">●Define active site.●Describe the lock & key mechanism.●Explain denaturation in enzymes.
Wednesday-2 nd period (girls)	<p>Zoom Session: Assessment 1 via Google Forms (15 marks) Topics SB1b Plant and Animal cells & SB1d Inside Bacterial</p>
Sunday -1 st period(boys)	<p>Zoom Session: Understand the role of digestive enzymes to include the digestion of starch to glucose by amylase and maltase, the digestion of proteins to amino acids by proteases and the digestion of lipids to fatty acids and glycerol by lipases.</p> <p>Resources: Video Links & Power point https://www.youtube.com/watch?v=VLK2wANjQm0</p> <p>Textbook pages: Pages 12-13</p>

	<p>Students able to:</p> <p>Name few products formed by digestion of food.</p> <p>Explain the role of amylase, pepsin and lipase in digesting food.</p>
<p>Sunday-2nd period(boys) Wednesday -3rd period(girls)</p>	<p>GC: Students to complete the WS on Enzymes and turn in their work.</p> <p>Resources: Worksheet- SB1g.5</p>