

YEAR 9 A-F - BIOLOGY

WEEK 6 (4th Oct to 8th Oct)

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

Topic SB1c- Specialized Cells

L.O: Demonstrate an understanding of size and scale in relation to microscopy, including magnification calculations & explain the importance of enzymes as biological catalysts in the synthesis of carbohydrates, proteins and lipids and their breakdown into sugars, amino acids and fatty acids and glycerol

<p>Sunday-Zero period(boys) Sunday-7th period(girls)</p>	<p>Zoom Session: Microscope Calculations https://www.youtube.com/watch?v=DPwhJ8FJ9LU&t=1s Students able to: • Calculate the magnification of the specimen viewed using the formula $M = O / A$. • Calculate the actual length and observed length of a specimen. • Describe the use of scale bar to calculate actual & measured dimensions.</p>
<p>Sunday -1st period(boys) Wednesday-2nd period (girls)</p>	<p>Zoom session Enzymes and nutrition https://www.youtube.com/watch?v=VLK2wANjQm0 Students able to: • 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. • Explain the role of amylase, pepsin and lipase in digesting food. • Name few products formed by digestion of food.</p>
<p>Sunday-2nd period(boys) Wednesday -3rd period(girls)</p>	<p>GC-Students to research on-Advancements in microscopic techniques. Task to be turned in Google classroom as Google docs Include references</p>

