

YEAR 10 A-F – BIOLOGY

WEEK 2(6th September to 10th September)

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

RECAP/REVIEW ON BASELINE CHECK

Sunday – 3rd Period (Boys) Sunday – 5th Period (Girls)	<u>ZOOM SESSION- REVISION</u> Discussing Baseline check and filling gaps on topics done in grade 9
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Topic - SB 3ci-DNA

L.O- Describe the genome as the entire DNA of an organism and a gene as a section of a DNA molecule that codes for specific protein

Monday-4th period (Boys) Tuesday- 1st Period (Girls)	ZOOM SESSION Students must watch the video link given below on https://www.youtube.com/watch?v=ictAm2wSwY Text book Page-54-55 Complete Qn 4-5,7-8 Resources: PowerPoint /Board work &Video link Students able to: Recall that the nucleus of a cell contains chromosomes on which genes are located. Understand that gene is a section of a molecule of DNA and that genes exist in alternative forms called alleles which give rise to differences in inherited characteristics. Differentiate gene, chromosome and genome.
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Topic - SB3ci- DNA

L.O-Describe the structure of DNA as a polymer made up of two strands coiled to form a double helix, strands linked by a series of complementary base pairs joined together by weak hydrogen bonds, nucleotides that consist of a sugar and phosphate group with one of the four different bases attached to the sugar.

<p>Tuesday- 2nd Period (Girls) Thursday-1st 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=o4LHU79fB3s</p> <p>https://www.youtube.com/watch?v=o-6JXLYS-k</p> <p>Resources: PowerPoint /Board work &Video link</p> <p>Students able to:</p> <p>Identify the basic components of DNA molecule, Draw and label a DNA molecule, Describe a DNA molecule as two strands coiled to form a double helix, Suggest the specific base pairing that forms the double helix structure of DNA.</p>
<p>Wednesday -4th Period (Girls) Thursday- 2nd Period(Boys)</p>	<p>GC</p> <p>Students to complete the Text book Questions</p> <p>Page-54 Qn. 1-3</p> <p>Page-55 Qn. 6 & Strengthen question S1</p> <p>& turn in their work in Google Classroom.</p>

