

YEAR 12 - Batch 1 - BIOLOGY

WEEK 2 (6th Sept- 10th Sept)

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

Topic 2.2– Prokaryotes

L.O – Recall concepts on Prokaryotic & eukaryotic organization

Biology Students Book 1

Tuesday – 4th Period (Zoom)	Review of Baseline check conducted
Thursday – 1st Period (Zoom)	Students able to Identify the differences & similarities of prokaryote cell with eukaryote cell. Draw& label the major parts of the prokaryote cell (bacteria). Enlist parts of prokaryote cell found in all and parts not found in all bacterial cells. Students to research on Ultrastructure of Prokaryotes Resources: AS Board works ,PowerPoint & Video link https://www.youtube.com/watch?v=RQ-SMCmWB1s
Thursday– 2nd Period (Asynchronous learning)	Students to research on Cell wall structure of Prokaryotes ,Gram Staining technique & Classification of bacteria and task to be turned in Google classroom

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Week 2 (6th Sept- 10th Sept)

Work sent through Google classroom/G mail/Online Quiz/ZOOM Learning Platform

Topic 1-Biological molecules 1

L.O- Understand the structure of organic and non-organic compounds. Distinguish between monosaccharides, disaccharides and polysaccharides ,types and significance.

Sunday – 8th period	ZOOM SESSION Resources: BOARD WORKS –Biological molecules-No 8,13-25]. Text Book Page Numbers – 16-17 Worksheet – Biological molecules Video and PPT: Mono and Disaccharides :www.science.co.uk/biology/biologicalmolecules.html , www.internet4classrooms.com Students able to: Relate the molecular structure of alpha-glucose as an example of a monosaccharide carbohydrate. Identify the use of sugars List the type of sugars and their significance
Monday – 1st 2nd period	ZOOM SESSION Resources: BOARD WORKS –Biological molecules-No 8,13-25] Text Book Page Numbers – 17-18 Worksheet – Biological molecules Video and PPT: Polysaccharides :www.science.co.uk/biology/biologicalmolecules.html , www.internet4classrooms.com Students able to: Describe the role of chemical elements in plants and animals. Draw the structure of methane, fatty acid and amino acid. Compare the two types of bonds in organic compounds.

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Topic 2.2– Prokaryotes

L.O – Recall concepts on Prokaryotic & eukaryotic organization

Biology Students Book 1

Monday – 5th Period(Zoom)	Review of Baseline check conducted
Monday – 8th Period(Zoom)	Students able to Identify the differences & similarities of prokaryote cell with eukaryote cell. Draw& label the major parts of the prokaryote cell (bacteria). Enlist parts of prokaryote cell found in all and parts not found in all bacterial cells. Students to research on Ultrastructure of Prokaryotes Resources: AS Board works ,PowerPoint & Video link https://www.youtube.com/watch?v=RQ-SMCmWB1s
Wednesday – 5th Period (Asynchronous learning)	Students to research on Cell wall structure of Prokaryotes, Gram Staining technique & Classification of bacteria and task to be turned in Google classroom

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Topic 1-Biological molecules 1

L.O- Understand the structure of organic and non-organic compounds. Distinguish between monosaccharides, disaccharides and polysaccharides ,types and significance.

Tuesday – 3rd period	ZOOM SESSION Resources: BOARD WORKS –Biological molecules-No 8,13-25]. Text Book Page Numbers – 16-17 Worksheet – Biological molecules Video and PPT: Mono and Disaccharides : www.science.co.uk/biology/biologicalmolecules.html , www.internet4classrooms.com Students able to: . Relate the molecular structure of alpha-glucose as an example of a monosaccharide carbohydrate. Identify the use of sugars List the type of sugars and their significance
Thursday – 5th and 6th period	ZOOM SESSION Resources: BOARD WORKS –Biological molecules-No 8,13-25] Text Book Page Numbers – 17-18 Worksheet - Biological molecules Video and PPT: Polysaccharides : www.science.co.uk/biology/biologicalmolecules.html , www.internet4classrooms.com Students able to: Describe the role of chemical elements in plants and animals. Draw the structure of methane, fatty acid and amino acid. Compare the two types of bonds in organic compounds.