

YEAR 11 G & H – BIOLOGY (IGCSE)

WEEK 7 (11th October to 15th October)

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

Topics 9 & 13 : Reproduction in Humans & Plants respectively.

L.O.: Describe the roles of LH, FSH, oestrogen and progesterone in the menstrual cycle.

Understand the process of pollination and fertilization in plants.

Sunday- 4th period	Zoom: Assessment 1 via Google Forms (20 marks) on Topic 7 Co-ordination (except The Eye)
Monday- 7th period	Zoom: Explain the roles of hormones involved in changes during the menstrual cycle.. https://www.youtube.com/watch?v=vXrQ_FhZmos https://www.youtube.com/watch?v=Gf_WLrXAqIA <u>Textbook page : 118 - 129</u> Resources: Textbook, Video Links & Power point. Students able to: <ul style="list-style-type: none">●Identify the hormones responsible to develop secondary sexual characteristics in humans. Describe changes taking place during the menstrual cycle. Explain the role of the hormones FSH and LH in menstrual cycle.
Tuesday – 3rd and 4th period	Zoom: Describe the structures of an insect-pollinated and a wind-pollinated flower and explain how each is adapted for pollination. https://www.youtube.com/watch?v=rfUaNUcszt0 https://www.youtube.com/watch?v=h077JEQ8w6g <u>Textbook page : 174 - 181</u> Resources: Textbook, Video Links & Power point. Students able to:

	<ul style="list-style-type: none"> ●Label the structures of insect and wind pollinated flowers. ●State the differences between insect – pollinated and wind – pollinated flowers. ●Explain how insect pollinated flowers are adapted for pollination.
Wednesday – 5th period	<p>GC: Students write answers to WS on Menstrual cycle and Plant Reproduction.</p> <p>Resources: Worksheet on The menstrual cycle & pregnancy</p> <p>Students able to:</p> <ul style="list-style-type: none"> ●Label the structures of a flower. ●Describe the graph on difference in hormone levels during the menstrual cycle.

YEAR 11 A,D&E BIOLOGY (GCSE)

WEEK 7(11th Oct to 15th Oct)

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

Topic -_SB7a-Hormones &_SB7b-Hormonal control of metabolic rate

L.O – Describe where hormones are produced and how they are transported from endocrine glands to their target organs, including the pituitary gland, thyroid gland, pancreas, adrenal glands, ovaries and testes . Explain how thyroxin and adrenaline control the normal functioning of different systems in human body.

Sunday-6th period(girls)	<p>Zoom session Assessment via Google forms-20 marks Assessment-1(Topics-SB6a-Photosynthesis &SB6b-Factors that affect photosynthesis)</p>
Monday - 3rd period(girls)	<p>Zoom Session Resources: https://www.youtube.com/watch?v=HJI11Fj4jYs</p> <p>Students able to</p> <ul style="list-style-type: none"> ●Describe the general role of hormones& how hormones are transported around the body. ●Explain the production and release of some common hormones from their endocrine glands (pituitary gland, thyroid gland, pancreas, adrenal glands, ovaries and testes). ●Identify the target organs of some common hormones. ●State the importance of hormones. ●Differentiate endocrine & exocrine glands
Tuesday-7th & 8thperiod(girls)	<p>Zoom Session Resources:</p>

	<p>https://www.youtube.com/watch?v=_Mts354VC7A</p> <p>Students able to</p> <ul style="list-style-type: none"> ● Describe the effects of adrenalin on the body. ● Explain how adrenalin prepares the body for fight or flight. ● Explain how negative feedback controls the production of thyroxine.
Wednesday- 7th period (girls)	GC-Completion of worksheets on Topic 6 put in GC & turn in the completed Exam style questions Text book pg.129 in GC

YEAR 11 B,C&F BIOLOGY (GCSE)

WEEK 7(11th Oct to 15th Oct)

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

Topic - SB6- Plant Structure & Functions

L.O – Recall Photosynthesis & Factors affecting photosynthesis. Investigate the effect of light intensity on the rate of photosynthesis

Sunday- 8th period(boys)	<p>Zoom Session</p> <p>Discussion of Core Practical (Investigate the effect of light intensity on the rate of photosynthesis(Text book pages128)</p> <p><u>Resources:</u></p> <p>https://www.youtube.com/watch?v=fI3x68CkKW0</p> <p>Students able to</p> <ul style="list-style-type: none"> ● Plan experiment to investigate the effect of light intensity on the rate of photosynthesis. ● Identify controlled, independent & dependent variables for the experiment planned ● Describe how each variable can be controlled ● Predict how increase /decrease of light intensity affect rate of photosynthesis
Tuesday - 5th period (boys)	<p>Zoom session</p> <p>Assessment via Google forms-20 marks</p> <p>Assessment-1(TopicsSB6a-Photosynthesis &SB6b-Factors that affect photosynthesis)</p>
Wednesday- 6th period (boys)	<p>Zoom Session</p> <p>General instructions to be given to students for Core practical 5 – Effect of light intensity on rate of photosynthesis and clarifying doubts, if any</p> <p><u>Resources:</u> Exam style questions Text book pg.129</p> <p>Students to do exam style questions related to core practical discussed.</p>

**Thursday-5th
&6th period(boys)**

Zoom Session - GL ENGLISH EXAM

**Students to turn in the completed Exam style questions Text book
pg.129 in GC**