

GRADE 10**EASTER TERM PLAN****2022-202317****TERM TWO: JANUARY 11 – APRIL 17, 2021.**

		THEORY	LABS/QUIZ/TESTS
JANUARY			
January 16-20	WEEK 1	CELLS Specialized cells Go through in class <ul style="list-style-type: none">• Electron micrograph of typical plant and animal cell• Structure of bacteria and protist (Amoeba)• Specialized cells• How to use the microscope	LAB <ul style="list-style-type: none">• Cells Drawing
January 23-27	WEEK 2	<ul style="list-style-type: none">• MOVEMENT OF PARTICLES –• Review of diffusion, osmosis and active transport.	LAB <ul style="list-style-type: none">• Osmosis in Potato Strips.
Jan. 30 - Feb 3	WEEK 3	MITOSIS AND MEIOSIS <ul style="list-style-type: none">• Stages of mitosis and meiosis	
FEBRUARY			
February 6-10	WEEK 4	SIX WEEK TEST	
February 13-17	WEEK 5	Complete MITOSIS AND MEIOSIS – <ul style="list-style-type: none">• Stages of mitosis and meiosis (cont'd)• Role of mitosis in asexual reproduction• Gamete formation – importance of meiosis Compare mitosis and meiosis	

Feb. 20-21	WEEK 6	Complete MITOSIS AND MEIOSIS –	MID-TERM: Feb 22-24
February 27 - Mar 3	WEEK 7	MAN'S IMPACT ON ENVIRONMENT PRESENTATIONS <ul style="list-style-type: none"> ● Pollution – land, air and water ● Renewable and non-renewable resources ● Recycling – conservation, Greenhouse effects 	
MARCH			
March 6-10	WEEK 8	PHOTOSYNTHESIS <ul style="list-style-type: none"> ● Types of nutrition ● Stages of photosynthesis ● Structure of leaf ● 	
March 13-17	WEEK 9	PHOTOSYNTHESIS – 2 sessions <ul style="list-style-type: none"> ● Adaptations of the leaf ● Factors affecting rate of photosynthesis ● Mineral nutrition in plants 	LAB – 3 session <ul style="list-style-type: none"> ● Drawing and annotating a leaf for its adaptations LAB <ul style="list-style-type: none"> ● Testing a leaf for chlorophyll*
March 20-24	WEEK 10 5 sessions	SIX WEEK TEST	
March 27-31	WEEK 11	NUTRITION IN ANIMALS <ul style="list-style-type: none"> ● Review of nutrients and functions ● Review of balanced diet ● Review of vegetarianism ● Introducing food tests 	LAB – 2 sessions Food tests*
APRIL			
April 3-6	WEEK 12	DISCUSSION OF P&D LABS. <ul style="list-style-type: none"> ● Handout provided ● Scenarios given (Home Work given to complete P&D) 	Easter HomeWork- <ul style="list-style-type: none"> ● Students should complete the Planning & Designing lab given.

			PD lab will be discussed and completed when students get back as well as nutrition and disease lab.
April 6-14	WEEK 13	EASTER Holiday	