

RECORD OF WORK COVERED

GENERAL SCIENCE • GRADE 10 • TERM 2

Main Reference: Hummingbird General Science

School: Teacher: T.S.C No.:
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WEEK 1

TERM	WEEK	DATES	MON	TUE	WED	THU	FRI
Term 2	Week 1						

Records of Work Covered

SUBJECT & GRADE	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE / MAIN BOOK(S) & PAGES	REMARKS
General Science Grade 10			Life Science — Microorganisms -Types of microorganisms Identified the types of microorganisms that affect human beings including viruses, bacteria and fungi; Described the key characteristics of each type of microorganism; Related microorganisms to real-life health challenges such as how viruses like influenza and COVID-19 cause respiratory infections while bacteria like Salmonella cause food poisoning	Humming Bird General Science pg. 111	
General Science Grade 10			Life Science — Microorganisms -Modes of transmission and infections Explained the modes of transmission of microorganisms in human beings including airborne, direct contact, contaminated food/water, vector-borne and bloodborne transmission; Identified the types of infections caused by bacteria, viruses and fungi in human beings; Related modes of transmission to real-life public health measures such as wearing masks in crowded areas to prevent airborne viral infections	Humming Bird General Science pg. 111	
General Science Grade 10			Life Science — Microorganisms -Modes of transmission and infections Explained the modes of transmission of microorganisms in human beings; Identified the types of infections caused by bacteria, viruses and fungi in human beings; Related modes of transmission to real-life public health measures such as wearing masks in crowded areas to prevent airborne viral infections	Humming Bird General Science pg. 111	
General Science Grade 10			Life Science — Microorganisms - Prevention and control of microorganism infections Described methods of controlling and preventing infections caused by microorganisms including good hygiene, vaccination, safe food handling and use of protective equipment; Matched the mode of transmission to the appropriate prevention method for bacterial, viral and fungal infections; Related prevention measures to real-life community health practices such as boiling water to prevent cholera and handwashing to prevent COVID-19	Humming Bird General Science pg. 111	

SUBJECT & GRADE	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE / MAIN BOOK(S) & PAGES	REMARKS
General Science Grade 10			Life Science — Microorganisms - Economic importance of microorganisms Explained the economic importance of microorganisms in food production, medicine, agriculture, biofuel production and environmental management; Carried out a project investigating mould growth on food substrates; Related the economic role of microorganisms to real-life industries such as pharmaceutical companies using bacteria to produce antibiotics and farmers using nitrogen-fixing bacteria to improve soil fertility	Humming Bird General Science pg. 111 Digital devices with internet access	
General Science Grade 10			Matter and Chemical Reactions — The Periodic Table - Electron arrangement of atoms Wrote the electron configuration of the first 20 elements; Drew electron arrangement diagrams for selected elements; Recognised how electron arrangement determines an element's chemical behaviour	Humming Bird General Science pg. 128	
General Science Grade 10			Matter and Chemical Reactions — The Periodic Table - Classifying elements into groups and periods, The Periodic Table - Stability and electron affinity of atoms Classified the first 20 elements into groups and periods of the periodic table; Explained the basis for grouping elements by outermost electrons and energy levels; Connected the periodic table organisation to practical uses such as predicting which elements react with water or corrode metals in construction	Humming Bird General Science pg. 128	
General Science Grade 10			Matter and Chemical Reactions — The Periodic Table - Ion formation for the first 20 elements Described how cations and anions are formed from the first 20 elements; Drew dot-and-cross diagrams to illustrate ion formation for selected elements; Related ion formation to everyday materials such as how table salt forms from sodium and chlorine ions	Humming Bird General Science pg. 128	
General Science Grade 10			Matter and Chemical Reactions — The Periodic Table - Valency and oxidation numbers of elements The Periodic Table - Oxidation numbers and radicals Defined valency and oxidation number; Determined the valency and oxidation number of the first 20 elements - Relate valency to real-life situations such as understanding why certain elements form specific compounds used in fertilisers and medicines	Humming Bird General Science pg. 128	

GENERAL COMMENTS (IF ANY)	HEAD TEACHER	DATE