

FORM 3- SCHEME OF WORK 2016-2017

PROPOSED WEEK	TOPIC	MODULES
(TERM 1) 1	AIR AND THE ATMOSPHERE	>Composition and Properties of air >Properties and uses of gases in the air
2	AIR AND THE ATMOSPHERE	>The Nitrogen Cycle > The Carbon Cycle
3	AIR AND THE ATMOSPHERE	>Air Pollution >Environmental Threats Caused by Air Pollution
4	AIR AND THE ATMOSPHERE	>Cleaning up the Air
5	LIGHT (I)	>The Nature of Light >Speeds of Light in different Media >Luminous and Non-Luminous Objects
6	LIGHT (I)	>Different Beams of Light >Shadows and Eclipses
7	LIGHT (I)	>The Pinhole Camera >Reflection Of Light

PROPOSED WEEK	TOPIC	MODULES
8	LIGHT (I)	>Mirrors and Other Reflecting Surfaces
9	LIGHT (II)	>Refraction of Light >Effects of Refraction
10	LIGHT (II)	>Dispersion of white light
11	LIGHT (II)	>Colours > Lenses- Types and Functions
12	LIGHT (II)	>Common Eye Defects >Use of Corrective Lenses
13	-	REVISION OF CONTENT COVERED

PROPOSED WEEK	TOPIC	MODULE
<u>TERM 2</u> 1	CHEMICAL BONDING AND EQUATIONS	>Electronic Configurations of Atoms
2	CHEMICAL BONDING AND EQUATIONS	>Covalent Bonding- In Elements and in Compounds
3	CHEMICAL BONDING AND EQUATIONS	>Ionic Bonding- In Elements and in Compounds
4	CHEMICAL BONDING AND EQUATIONS	>Comparison between Ionic and Covalent Compounds >Chemical Equations
5	FORCES	>What is a Force? >Effects of Forces >Inertia
6	FORCES	>Different Types of Forces >Measuring Forces
7 (Carnival Wk)	FORCES	>Action and Reaction
8	FORCES	>Momentum >Hooke's Law
9	PRESSURE	>What is Pressure? >Gas Pressure
10	PRESSURE	>Uses of Gas/Air Pressure
11	PRESSURE	>Pressure in Liquids
12		REVISION OF CONTENT COVERED

PROPOSED WEEK	TOPIC	MODULE
<u>TERM 3</u> 1	ECOLOGY/FEEDING RELATIONSHIPS	>Habitat, Population and Community >The Physical Environment
2	ECOLOGY/FEEDING RELATIONSHIPS	>The Biotic Environment >Ecology and Ecosystems >Dynamic Equilibrium
3	ECOLOGY/FEEDING RELATIONSHIPS	>Food Chains and Food Webs >Energy Flow in an Ecosystem >Decomposers
4	ECOLOGY/FEEDING RELATIONSHIPS	>Importance of Plants >Conditions for Growth and Reproduction of Plants in an Ecosystem
5	MAN' EFFECT ON THE ENVIRONMENT	>Impact of Human Activities >Overhunting, Overuse of Energy, Conserving Our Environment
6	STRUCTURE AND FUNCTION OF FLOWERING PLANTS	>Structure of a Flower >Functions of the Various Parts of a Flower
7	STRUCTURE AND FUNCTION OF FLOWERING PLANTS	>Structure of a Plant >Functions of the Various Parts of a Plant >Germination
8	PHOTOSYNTHESIS	>What is Photosynthesis? >Word Equation
9	PHOTOSYNTHESIS	>Site of Photosynthesis >Factors Affecting Photosynthesis
10		REVISION OF CONTENT COVERED