



SCIENCE - YEAR 4

PORTION - FIRST TERM EXAMINATION 2022-2023

UNIT 1- GROUPING LIVING THINGS

- Classification of living things according to common observable characteristics and based on similarities and differences.
- Unusual animals; New species discovered by scientists.
- The seven life processes of living things (MRS GREEN)
- Characteristics of different vertebrate groups.
- Create simple dichotomous keys to identify a variety of plants & animals.
- Using classification keys to help group, identify and name a variety of living things in the local and wider environment.
- Compare and contrast living things from different habitats.

UNIT 2 - DANGERS TO LIVING THINGS

- Effect of environmental changes on living things; changes in environments that sometimes pose dangers to living things.
- How environments can be changed in positive ways, for example, the creation of nature reserves, and in negative ways, for example, deforestation.
- Construct and interpret a variety of food chains, identifying producers, predators and prey.
- Link between sources of food and animal populations in an environment.

UNIT 3 - CHANGES OF STATE

- Compare and group materials together, according to whether they are solids, liquids or gases.
- Common properties of solids, liquids and gases.
- Effect of temperature on changing states of matter.
- Three states of water & how it changes from one to another at different temperatures.

- Change in state of some materials when they are heated or cooled & the temperature at which this happens in degrees Celsius (°C)
- Changes in the properties of materials due to heating or cooling.
- Process of Evaporation & Condensation
- The part played by evaporation and condensation in the water cycle and to associate the rate of evaporation with temperature.

❖ ***Scientific inquiry based questions related to the above topics will be included.***

❖ ***Revise from - Science Bug International Topic book & Workbook, Active Learn allocations, PowerPoint presentations & video links that are posted on Google Classroom. Learn the scientific vocabulary from the Glossary page for each unit.***

❖ ***Maximum marks - 50 ; Duration - 1hour 30 minutes***