
CURRICULUM CONTENT

Unit 1

- **Humans and animals**
- **Skeletons**- Identify internal and external skeletons.
- **Functions of the skeleton**- Learn main functions of skeleton.
- **Muscles and bones**- Learn the functions of muscles.
- **Movement of bones**– Learn how the movement and locomotion is produced.
- **Drugs as medicines**– Learn how to use drugs safely.

Unit 2

Living things in their environment

- **Animals in their habitats**– Investigate different types of habitats and animals that live in.
- **Identification keys** – Learn how to sort and identify animals by their features.
- **Human activity and the environment**– Learn different ways to help protect the environment.

Unit 3

States of matter

- **Solids, liquids and gases** – Identify three states of matter.
- **Heating and cooling**–Investigate a material's changes of state.
- **Melting and freezing** – Investigate a material's changes of state.
- **Steam** – Learn what happens to water when it boils.

Unit 4

Sound

- **Sound making and measuring** – Learn how are sounds produced and how to measure sound using sound-level meter.
- **Sound travelling** – Learn how travel through different types of material.
- **Materials preventing sound transmission** – Investigate how sound transmission can be prevented or reduced.
- **Pitch and loudness**– Learn what pitch of the sound is and how it can be changed.
- **Musical instruments** – Learn different types of instruments.

Unit 5

Electricity and magnetism

- **Constructing circuits** – Explain elements of electrical circuits.
- **Broken circuits** – Define the reasons of broken circuits.
- **Electrical current** – Define source of electrical current, switch, wires and show direction of electrical particles.
- **Magnets attract and repel**– Identify two poles of magnets and learn the laws of magnetism.
- **Metals and magnets**– Identify the magnetic and non-magnetic materials.



