

PRIMARY SCIENCE

Syllabus for Primary Schools

YEAR 2

LEARNING OUTCOMES

for

YEAR 2

Sharing Our World

2.1 OTHER ANIMALS AND US	2.2 PLANT LIFE	2.3 HABITATS	2.4 WEATHER WATCH
2.1.1 Know that there are similarities and differences between humans. 2.1.2 Know that there are different kinds of animals.	2.2.1 Recognize basic parts of a plant.	2.3.1 Know that a habitat is the environment in which a plant or an animal lives.	2.4.1 Be able to describe changes in weather. 2.4.2 Know that there are patterns in the weather, which are related to seasonal changes.

Energy

2.5 FORCES	2.6 ELECTRICITY	2.7 SOUNDS	2.8 LIGHT
2.5.1 Know that a push or pull can make things change direction, or stop or go faster or slower.	2.6.1 Know that safety is important when using electricity	2.7.1 Identify different objects which make sounds.	2.8.1 Understand that it is dark when there is no light.

Materials Around Us

2.9 CHANGE	2.10 USES AND PROPERTIES OF MATERIALS	2.11 OUR PLANET AND ITS NEIGHBOURS	
2.9.1 Understand that it is dark when there is no light.	2.10.1 Identify some common materials. 2.10.2 Use the senses to group materials.	2.11.1 Know that the Earth is made up of rock, air and water. 2.11.2 Know that the Earth, moon and sun are separate bodies.	

PROGRAMME

for

YEAR 2

2.1 Sharing Our World : Other Animals and Us

Learning Outcomes	Notes
2.1.1 Know that there are similarities and differences between humans.	<ul style="list-style-type: none">• know that although humans share the basic human body form, there are differences between individuals such as differences in height, weight, colour of skin, colour of eyes..• carry out a simple survey and record these differences.
2.1.2 Know that there are different kinds of animals.	<ul style="list-style-type: none">• learn about different types of animals.• group animals in different categories according to observable features.

2.2 Sharing Our World : Plant Life

Learning Outcomes	Notes
2.2.1 Recognize basic parts of a plant.	<ul style="list-style-type: none">• name the different parts of a plant eg. roots, trunk , branch, flower, stem, leaves, petals, fruit...

2.3 Sharing Our World : Habitats

Learning Outcomes	Notes
2.3.1 Know that a habitat is the environment in which a plant or an animal lives.	<ul style="list-style-type: none">• match plants and animals to their different habitats.• appreciate that care should be taken of the environment because this can affect the flora and fauna found there.

2.4 Sharing Our World : Weather Watch

Learning Outcomes	Notes
2.4.1 Be able to describe changes in weather. 2.4.2 Know that there are patterns in the weather, which are related to seasonal changes.	<ul style="list-style-type: none">• match plants and animals to their different habitats.• appreciate that care should be taken of the environment because this can affect the flora and fauna found there. • use the language acquired to describe patterns in the weather related to the different seasons.

2.5 Energy : Forces

Learning Outcomes	Notes
2.5.1 Know that a push or pull can make things change direction, or stop or go faster or slower.	<ul style="list-style-type: none">• know that a push or pull can make an object change its direction of motion.• know that a push or pull can make an object speed up or slow down.• know that a push or pull against the direction of motion will make a moving object stop.

2.6 Energy : Electricity

Learning Outcomes	Notes
2.6.1 Know that safety is important when using electricity	<ul style="list-style-type: none">• realise that electricity is dangerous.• be aware of the need for safety when using electricity e.g. not to touch sockets and torn wires or not to plug an appliance when barefooted.

2.7 Energy : Sound

Learning Outcomes	Notes
2.7.1 Identify different objects which make sounds.	<ul style="list-style-type: none">• know that all materials can be made to produce sound.• realise that different materials produce different sounds.

2.8 Energy : Light

Learning Outcomes	Notes
2.8.1 Understand that it is dark when there is no light.	<ul style="list-style-type: none">• know that there is darkness when no light is present.

2.9 Materials Around Us : Change

Learning Outcomes	Notes
2.9.1 Understand that it is dark when there is no light.	<ul style="list-style-type: none">• know that animals and plants change (grow) over time.• realise that some materials lose their strength e.g. rubber bands over time.• be able to give a number of examples of things which change with time.

2.10 Materials Around Us : Uses and Properties of Materials

Learning Outcomes	Notes
2.10.1 Identify some common materials. 2.10.2 Use the senses to group materials.	<ul style="list-style-type: none">• name different kinds of materials such as plastic, paper, metals, glass, different textiles, wood, stone, rubber. . . .• give examples of things made from these materials. • use the senses to sort materials into simple sets such as soft/hard; smooth/rough; transparent/non transparent materials...

2.11 Materials Around Us : Our Planet and Its Neighbours

Learning Outcomes	Notes
2.11.1 Know that the Earth is made up of rock, air and water. 2.11.2 Know that the Earth, moon and sun are separate bodies.	<ul style="list-style-type: none">• look at a globe and realize that the Earth's crust is divided into land and sea and that the sea takes up a greater area than land.• understand that there is air all around us and that it is indispensable in sustaining life forms. • understand that although the Earth, moon and sun are related to each other they are separate bodies.