



SRI KDU
International
School
SUBANG JAYA

CURRICULUM OVERVIEW

YEAR 3 SCIENCE



LIVING THINGS INCLUDING PLANTS

Describe differences between things that are living, that were once alive and that have never lived.
Know and explain the 7 life processes.
Know that fossils used to be alive.
Know the appropriate conditions for plants to survive.
Describe the major parts of flowering plants

TERM 1



FORCES AND MAGNETISM

To understand friction as a force
To understand that forces can be measured with a forcemeter
Describe friction in different surfaces
Describe magnetic interaction and poles
Investigate magnetic materials



STATES OF MATTER

Name and identify the 3 states of matter
Describe the different properties of solids, liquids and gases
Understand that a mixture contains 2 or more materials
Understand that materials retain their properties in mixtures
Describe how to separate mixtures

TERM 2



ANIMALS INCLUDING HUMANS

Identify the distinguishing features of different groups of animals
Describe and compare the offspring of different animals
Describe simple food chains
Identify some important organs in humans



LIGHT AND SHADOWS

Investigate transparent, translucent and opaque materials.
Know that shadows are formed when light is blocked.
Investigate how the size of a shadow is affected by the position of the object.

TERM 3



ON EARTH AND BEYOND

Know that planet Earth is the source of all materials we use.
Know that gravity is a force that pulls towards the centre of the Earth.
Describe the Earth, Sun and Moon and their movement.
Describe the change in the position and appearance of the Moon.

THINKING AND WORKING SCIENTIFICALLY ONGOING OBJECTIVES

- Use observations and tests to classify objects.
- Collect and record observations and measurements.
- Make a prediction and describe possible outcomes.
- Identify whether or not results support a prediction.
- Make a conclusion from results
- Know that there are 5 main types of scientific enquiry
- Use secondary information sources to research
- Identify risks and stay safe during practical work
- Choose equipment and use it appropriately
- Present and interpret data in using charts and tables
- Draw diagrams to represent situations
- Describe simple patterns in results.

WELCOME
TO YEAR 4