



SRI KDU
International
School
SUBANG JAYA

CURRICULUM OVERVIEW

YEAR 6 SCIENCE



FORCES AND MOVEMENT, ON EARTH AND BEYOND

TERM
1



HUMAN HEALTH AND DISEASE

Difference between mass and weight
Effects of gravity
Force diagrams to show the name, size and direction
Effect of different forces on an object at rest and in motion
Position and movement of the planets, the Moon and the Sun

Human respiratory system
Human circulatory system
Diseases caused by infection with viruses, bacteria, parasites or fungi
Importance of good hygiene
Human defence mechanisms against infectious diseases



MATERIALS, INCLUDING ROCKS, AND PHYSICAL CHANGE

TERM
2



ELECTRICITY, CONDUCTORS AND LIGHT

Properties of gases
Changes of state relating to temperature
Boiling and evaporation
Reversible and irreversible physical changes
Classification of rocks
Rock cycle and formation
Fossil formation

Circuit symbols and diagrams
Make series and parallel circuits
Electrical and thermal conductivity
Direction of light: reflection and refraction
Monthly cycle of the moon



CHEMICAL CHANGES AND MIXTURES

TERM
3



ECOSYSTEMS

Observing and describing chemical reactions
Effects of temperature on solids dissolving in liquids
Soil classification
Changes in soil composition which can support, or hinder, plant growth

Food webs and food chains
Energy source in, and transfer through, a food chain or web
Toxic substances that can move through food chains or webs

----- WELCOME -----
TO YEAR 7