



Biology



Physics



Chemistry

Year 1

ANIMALS INCLUDING HUMANS
 Naming common animals
 Carnivores, herbivores, omnivores
 Human body and the senses

PLANTS
 Common plants
 Plant structure

MATERIALS
 Properties of materials
 Grouping materials

SEASONAL CHANGE
 The four seasons
 Seasonal weather
 Length of the day

Year 2

PLANTS
 Plant and seed growth
 Plant reproduction
 Keeping plants healthy

MATERIALS
 Identify different materials
 Properties of materials
 Naming everyday materials
 Comparing the use of materials
 Comparing movement on different surfaces

ANIMALS INCLUDING HUMANS
 Animal reproduction
 Healthy living
 Basic needs

LIVING THINGS & THEIR ENVIRONMENTS
 Alive or dead
 Habitats
 Adaptations
 Food chains

Year 4

LIVING THINGS & THEIR ENVIRONMENTS
 Grouping living things
 Classification keys
 Adaptation of living things

STATES OF MATTER
 Comparing & grouping materials
 Solids, liquids & gases
 Changing state
 Water cycle

FORCES
 Different forces
 Magnets

ROCKS
 Comparing & grouping rocks
 Fossil formation
 Soil

ELECTRICITY
 Uses of electricity
 Simple of circuits & switches
 Conductors & insulators

SOUND
 How sounds are made
 Sound vibrations
 Pitch and volume

ANIMALS INCLUDING HUMANS
 Digestive system
 Teeth and their functions
 Food chains

LIGHT
 Reflections
 Shadows

LIGHT
 Reflections
 shadows

ANIMALS INCLUDING HUMANS
 Skeleton and muscles
 Nutrition
 Exercise and health

Year 3

Year 5

LIVING THINGS & THEIR ENVIRONMENTS
 Life cycles – plants and animals
 Reproductive processes
 Famous naturalists

ANIMALS INCLUDING HUMANS
 Changes as humans develop from birth to old age

FORCES
 Gravity
 Friction
 Forces & motion of mechanical devices

EARTH & SPACE
 Movement of the Earth & planets
 Movement of the Moon
 Night and day

Year 6

LIGHT
 How light travels
 Reflection
 Ray models of light

LIVING THINGS & THEIR ENVIRONMENTS
 Classification of living things and the reasons for it

ELECTRICITY
 Electrical components
 Simple circuits
 Fuses and voltage

PROPERTIES & CHANGES IN MATERIALS
 Comparing properties of everyday materials
 Soluble/ dissolving
 Reversible and irreversible substances

ANIMALS INCLUDING HUMANS
 The circulatory system
 Water transportation
 Impact of exercise on the body

EVOLUTION & INHERITENCE
 Identical & non-identical off-spring
 Fossil evidence and evolution
 Adaptation and evolution