

Learning Journey – Year 1

The Human Body

Naming parts of the body, the five senses and associated body parts, understanding sensory impairment.

Seasons and Weather

The four seasons, tools to record the weather, daily weather and weather forecasts, weather symbols, weather around the world, floods and hurricanes.

Materials and Magnets

Classification of materials, magnets, magnetic attraction

Animals and their Needs

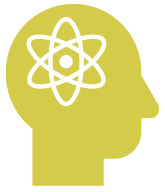
Living things, naming animals, grouping animals, describing animals, how plants and animals obtain food, offspring, caring for animal babies, caring for pets.

Plants

What plants need to grow, the parts and functions of plants, food production, flowers and seeds, deciduous and evergreen.

Taking Care of the Earth

The Earth's natural resources, conservation of natural resources, logging, recycling, how pollution is caused and can be prevented



Learning Journey – Year 2

The Human Body

The skeletal and muscular systems, exercise, digestive system and healthy eating, circulatory system, preventing illness, germs and disease, animals and their offspring.

Electricity

Circuits, conductive and non-conductive materials, safety rules.

Materials and Matter

Comparing materials, changing materials, concepts of atoms, matter, solids, liquids, gases, measurements

Living Things in their Environments

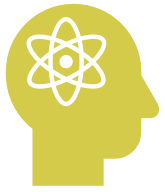
Habitats: rainforest, desert, meadow and underground habitats. Food chains, oceans and undersea habitats, deep ocean habitats and habitat destruction and damage.

Plants

Seeds and bulbs, plants and water, light, temperature, healthy plants.

Astronomy

Our solar system, orbit and rotation, sun, moon, planets, stars, constellations



Learning Journey – Year 3

The Human Body

The digestive system, teeth and senses, a healthy diet, nutrition, vitamins and minerals, skeletons and muscles for support, protection and movement.

Light

How light travels, shadows, transparent and opaque objects, reflection, mirrors: plane, concave, convex, how shadows change throughout the day.

Forces and Magnets

Forces, friction, magnets, magnetic poles, magnetic fields, law of magnetic attraction, compasses

Rocks

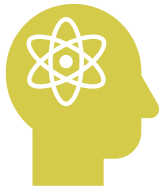
Sorting rocks, how rocks are formed, hardness and permeability, fossils, soil.

Plants

Functions of plants: roots, stem/trunk, leaves and flowers, Life and growth, variety of plants, water transportation, seed formation and dispersal.

Cycles in Nature

Seasonal cycles and plants, animal migration. Life cycles of a plant and a frog.



Learning Journey – Year 4

The Human Body

The muscular system, the skeletal system, the nervous system, the digestive system, teeth

Sound

How sound is created, how sound travels, sound waves, speed of sound, pitch, intensity, the human voice, hearing, the human ear

Materials and Matter

Comparing materials, changing materials, concepts of atoms, matter, solids, liquids, gases, measurements.

Classification of Plants and Animals

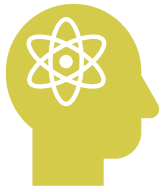
Cold-blooded or warm blooded, vertebrates or invertebrates, characteristics of animal classes, classification of plants.

Plants

Seeds and bulbs, plants and water, light, temperature, healthy plants.

Astronomy

Our solar system, orbit and rotation, sun, moon, planets, stars, constellations



Learning Journey – Year 5

Meteorology

Weather and climate, the atmosphere, the Ozone layer, air movement and wind direction, cold and warm fronts, thunder and lightning.

Living Things

Life cycles of a mammal, an amphibian, an insect and a bird, life process of reproduction in some plants and animals, Photosynthesis, vascular and non-vascular plants.

Astronomy

The Big Bang theory, gravity, the Universe, our Solar System, the moon and our galactic neighbourhood.

Materials

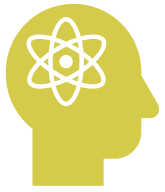
Properties- solubility, conductivity, flexibility, fair testing, solubility, separation of mixtures, reversible changes dissolving, mixing, change of state.

Forces

Gravity, friction, air resistance, water resistance, pulleys, gears and levers.

The Human Body

Human growth stages, adolescence and puberty, The human reproductive system, The endocrine system.



Learning Journey – Year 6

The Human Body

The circulatory system, the heart, the blood vessels, the blood, blood pressure and heart rate, changes to humans as we get older.

Electricity

Brightness, buzzers, voltage, switches, simple circuits and symbols

Evolution

Fossils, adaptation, characteristics passing through generations, Mary Anning, Alfred Wallace, Charles Darwin, Darwin's sketches of finches.

Classification of Living Things

Classifying organisms, plant and animal cells, fungi, protists, monera, taxonomy, Latin names, vertebrates

Light

How light travels, Our eyes, light sources, shadows, periscopes

Reproduction

Asexual reproduction, sexual reproduction in non-flowering and flowering plants, pollination, fertilisation, reproduction in animals, growth stages.