

	Autumn A	Autumn B	Spring A	Spring B	Summer A	Summer B
Year 1	<b>The Human Body</b> Naming parts of the body, the five senses and associated body parts, understanding sensory impairment.	<b>Animals and their Needs</b> Living things, naming animals, grouping animals, describing animals, how plants and animals obtain food, offspring, caring for animal babies, caring for pets.	<b>Seasons and Weather</b> The four seasons, tools to record the weather, daily weather and weather forecasts, weather symbols, weather around the world, floods and hurricanes.	<b>Taking Care of the Earth</b> The Earth's natural resources, conservation of natural resources, logging, recycling, how pollution is caused and can be prevented.	<b>Plants</b> What plants need to grow, the parts and functions of plants, food production, flowers and seeds, deciduous and evergreen.	<b>Materials and Magnets</b> Classification of materials, magnets, magnetic attraction.
Year 2	<b>The Human Body</b> The skeletal and muscular systems, exercise, digestive system and healthy eating, circulatory system, preventing illness, germs and disease, animals and their offspring.	<b>Living Things in their Environments</b> Habitats: rainforest, desert, meadow and underground habitats. Food chains, oceans and undersea habitats, deep ocean habitats and habitat destruction and damage.	<b>Electricity</b> Circuits, conductive and non-conductive materials, safety rules.	<b>Plants</b> Seeds and bulbs, plants and water, light, temperature, healthy plants.	<b>Materials and Matter</b> Comparing materials, changing materials, concepts of atoms, matter, solids, liquids, gases, measurements.	<b>Astronomy</b> Our solar system, orbit and rotation, sun, moon, planets, stars, constellations.
Year 3	<b>The Human Body</b> The digestive system, teeth and senses, a healthy diet, nutrition, vitamins and minerals, skeletons and muscles for support, protection and movement.	<b>Cycles in Nature</b> Seasonal cycles and plants, animal migration. Life cycles of a plant and a frog.	<b>Light</b> How light travels, shadows, transparent and opaque objects, reflection, mirrors: plane, concave, convex, how shadows change throughout the day.	<b>Plants</b> Functions of plants: roots, stem/trunk, leaves and flowers, Life and growth, variety of plants, water transportation, seed formation and dispersal.	<b>Rocks</b> Sorting rocks, how rocks are formed, hardness and permeability, fossils, soil.	<b>Forces and Magnets</b> Forces, friction, magnets, magnetic poles, magnetic fields, law of magnetic attraction, compasses.

Year 4	<b>The Human Body</b> The muscular system, the skeletal system, the nervous system, the digestive system, teeth.	<b>Classification of Plants and Animals</b> Cold-blooded or warm-blooded, vertebrates or invertebrates, characteristics of animal classes, classification of plants.	<b>Ecology</b> Habitats, interdependence of organisms and their environment, producers, consumers and decomposers, food webs, producers, predators and prey, human threats to the environment.	<b>Sound</b> How sound is created, how sound travels, sound waves, speed of sound, pitch, intensity, the human voice, hearing, the human ear.	<b>States of Matter and the Water Cycle</b> Change of state, evaporation, condensation, precipitation, humidity, groundwater.	<b>Electricity</b> Electric current, circuits, switches, conductors and insulators.
Year 5	<b>The Human Body:</b> Human growth stages, adolescence and puberty, The human reproductive system, The endocrine system.	<b>Materials</b> Properties- solubility, conductivity, flexibility, fair testing, solubility, separation of mixtures, reversible changes- dissolving, mixing, change of state.	<b>Living Things</b> 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.	<b>Forces</b> Gravity, friction, air resistance, water resistance, pulleys, gears and levers.	<b>Astronomy</b> The Big Bang theory, gravity, the Universe, our Solar System, the moon and our galactic neighbourhood.	<b>Meteorology</b> Weather and climate, the atmosphere, the Ozone layer, air movement and wind direction, cold and warm fronts, thunder and lightning.
Year 6	<b>The Human Body</b> The circulatory system, the heart, the blood vessels, the blood, blood pressure and heart rate, changes to humans as we get older	<b>Classification of Living Things</b> Classifying organisms, plant and animal cells, fungi, protists, monera, taxonomy, Latin names, vertebrates.	<b>Electricity</b> Brightness, buzzers, voltage, switches, simple circuits and symbols	<b>Light</b> How light travels, Our eyes, light sources, shadows, periscopes	<b>Reproduction</b> Asexual reproduction, sexual reproduction in non-flowering and flowering plants, pollination, fertilisation, reproduction in animals, growth stages.	<b>Evolution</b> Fossils, adaptation, characteristics passing through generations, Mary Anning, Alfred Wallace, Charles Darwin, Darwin's sketches of finches.