

	Autumn A	Autumn B	Spring A	Spring B	Summer A	Summer B
Year 1	The Human Body Naming parts of the body, the five senses and associated body parts, understanding sensory impairment	Animals & their Needs Living things, naming animals, grouping animals, describing animals, how plants and animals obtain food, offspring, caring for animal babies, caring for pets.	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.	Taking Care of Earth The Earth's natural resources, conservation of natural resources, logging, recycling, how pollution is caused and can be prevented.	Plants What plants need to grow, the parts and functions of plants, food production, flowers and seeds, deciduous and evergreen.	Materials & Magnets Classification of materials, magnets, magnetic attraction.
Famous Figures	Linda Buck Brown	George Mottershead	Chester Greenwood	Rachel Carson	Sir Tim Smit	John Dunlop
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.	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.	Electricity Circuits, conductive and non-conductive materials, safety rules.	Plants Seeds and bulbs, plants and water, light, temperature, healthy plants.	Materials and Matter Comparing materials, changing materials, concepts of atoms, matter, solids, liquids, gases, measurements.	Astronomy Our solar system, orbit and rotation, sun, moon, planets, stars, constellations
Focus Figures	Elizabeth Garrett Anderson	Dian Fossey	Benjamin Franklyn	George Wilson	George de Mestral	Galileo Galilei

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.	Cycles in Nature Seasonal cycles and plants, animal migration. Life cycles of a plant and a frog.	Light How light travels, shadows, transparent and opaque objects, reflection, mirrors: plane, concave, convex, how shadows change throughout the day.	Plants Functions of plants: roots, stem/trunk, leaves and flowers, Life and growth, variety of plants, water transportation, seed formation and dispersal.	Rocks Sorting rocks, how rocks are formed, hardness and permeability, fossils, soil.	Forces and Magnets Forces, friction, magnets, magnetic poles, magnetic fields, law of magnetic attraction, compasses.
Focus Figures	Marie Maynard Daly	Jodi Rowley	Arthur Wilson	Joseph Banks	William Smith	Sir Isaac Newton
Year 4	The Human Body The muscular system, the skeletal system, the nervous system, the digestive system, teeth.	Classification of Plants and Animals Cold-blooded or warmblooded, vertebrates or invertebrates, characteristics of animal classes, classification of plants.	Ecology Habitats, interdependence of organisms and their environment, producers, consumers and decomposers, food webs, producers, predators and prey, human threats to the environment	Sound How sound is created, how sound travels, sound waves, speed of sound, pitch, intensity, the human voice, hearing, the human ear	States of Matter and the Water Cycle Change of state, evaporation, condensation, precipitation, humidity, groundwater.	Electricity Electric current, circuits, switches, conductors and insulators.
Focus Figures	Washington Sheffield	Carolus Linnaeus	Eva Crane	Alexander Graham Bell	Lord Kelvin	Thomas Edison

Year 5	The Human Body Human growth stages, adolescence and puberty, The human reproductive system, The endocrine system	Materials Properties- solubility, conductivity, flexibility, fair testing, solubility, separation of mixtures, reversible changes, dissolving, mixing, change of state	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	Forces Gravity, friction, air resistance, water resistance, pulleys, gears and levers.	Astronomy The Big Bang theory, gravity, the Universe, our Solar System, the moon and our galactic neighbourhood.	Meteorology Weather and climate, the atmosphere, the Ozone layer, air movement and wind direction, cold and warm fronts, thunder and lightning
Focus Figures	Leonardo Da Vinci	Stephanie Kwolek	David Attenborough	Marie Telkes	Margaret Hamilton	Jonathan Shanklin
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	Classification of Living Things Classifying organisms, plant and animal cells, fungi, protists, monera, taxonomy, Latin names, vertebrates.	Electricity Brightness, buzzers, voltage, switches, simple circuits and symbols	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	Evolution Fossils, adaptation, characteristics passing through generations, Mary Anning, Alfred Wallace, Charles Darwin, Darwin's sketches of finches.
Focus Figures	Daniel Hale Williams	Libbie Hyman	Steve Jobs	Garrett Morgan	Wilhelm Hofmeister	Charles Darwin