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|  | **Autumn 1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| **Year 1** | **The Human Body:***Naming parts of the body, the five senses and associated body parts, understanding sensory impairment.* | **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.* | **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 the 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 and Magnets:** *Classification of materials, magnets, magnetic attraction.* |
| **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.* |
| **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.* |
| **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 warm-blooded, 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. |
| **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 and non-vascular plants.* | **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.* |
| **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.* |