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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. | **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. | **Taking Care of the Earth**  The Earth’s natural  resources, conservation of  natural resources, logging,  recycling, how pollution is  caused and can be  prevented. |
| 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. | **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. | **Cycles in Nature**  Seasonal cycles and  plants, animal migration.  Life cycles of a plant and  a frog. |
| 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, | **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. | **Electricity**  Electric current, circuits,  switches, conductors and  insulators.  characteristics of animal  classes, classification of  plants. | **States of Matter and the**  **Water Cycle**  Change of state,  evaporation,  condensation,  precipitation, humidity,  groundwater. |
| 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. | **Space**  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 | **Evolution**  Fossils, adaptation,  characteristics passing  through generations, Mary  Anning, Alfred Wallace,  Charles Darwin, Darwin’s  sketches of finches. | **Reproduction**  Asexual reproduction,  sexual reproduction in  non-flowering and  flowering plants,  pollination, fertilisation,  reproduction in animals,  growth stages. |