

Science Curriculum Key Vocabulary

Year 1	<u>Me and my Body</u> (Healthy Eating)	<u>Everyday materials</u>	<u>Weather</u>	<u>Animals</u>	<u>Plants</u>	<u>Planets</u>
	Head, body, eyes, ears, mouth, teeth, leg	Object, material, wood, plastic, glass, metal, water, rock, brick, paper, fabric, elastic, foil, card/cardboard, rubber, wool, clay, hard, soft, stretchy, stiff, bendy, floppy, waterproof, absorbent, breaks/tears, rough, smooth, shiny, dull, see-through, not see-through	Weather (sunny, rainy, windy, snowy etc.)	Fish, amphibians, reptiles, birds and mammals.	Leaf, flower, blossom, petal, fruit, berry, root, seed, trunk, branch, stem, bark, stalk, bud	Earth, mars, mercury, venus, Jupiter
	Keeping fit, healthy		Seasons (winter, summer, spring, autumn)	Names of animals from each vertebrate group: carnivores, herbivores and omnivores.	Names of trees in the local area	Planet, sun, moon, day, night
	Names of fruit and vegetables		Sun, sunrise, sunset, day length	Head, body, eyes, ears, mouth, teeth, leg,	Names of garden and wild flowering plants in the local area	

				tail, wing, claw, fin, scales, feathers, fur, beak, paws, hooves	
Year 2	<u>Materials</u> Names of materials – wood, metal, plastic, glass, brick, rock, paper, cardboard Properties of materials – as for Year 1 plus opaque, transparent and translucent, reflective, non-reflective, flexible, rigid Shape, push/pushing, pull/pulling, twist/twisting, squash/squashing, bend/bending, stretch/stretching	<u>Healthy Humans</u> Health, balanced diet, exercise, hygiene, basic need, healthy	<u>Living things and their habitats</u> Living, dead, never been alive (rocks, metal, plastic), suited, suitable, basic needs, food, food chain, shelter, move, feed, seeds, leaves, twigs, shells, fur, hair, feathers. Names of local habitats e.g. pond, woodland etc. Names of micro-habitats e.g. under logs, in bushes, woodlands- leaf litter, on the bark of trees, dark, damp or dry micro-habitat.	<u>Animals including humans</u> Offspring, reproduction, growth, child, young/old stages (examples - chick/hen, baby/child/adult, caterpillar/butterfly), exercise, heartbeat, breathing, hygiene, germs, disease, food types (examples – meat, fish, vegetables, bread, rice, pasta)	<u>Plants</u> As for Year 1 plus light, shade, sun, warm, cool, water, grow, healthy

Year 3	<u>Rocks and soils</u> Rock, stone, pebble, boulder, grain, crystals, layers, hard, soft, texture, absorb water, soil, fossil, marble, chalk, granite, sandstone, slate, soil, peat, sandy/chalk/clay soil	<u>Forces and magnets</u> Force, push, pull, twist, contact force, non-contact force, magnetic force, magnet, strength, bar magnet, ring magnet, button magnet, horseshoe magnet, attract, repel, magnetic material, metal, iron, steel, poles, north pole, south pole	<u>Animals including Humans</u> Nutrition, nutrients, carbohydrates, sugars, protein, vitamins, minerals, fibre, fat, water, skeleton, bones, muscles, support, protect, move, skull, ribs, spine, muscles, joints	<u>Light and dark</u> Light, light source, dark, absence of light, transparent, translucent, opaque, shiny, matt, surface, shadow, reflect, mirror, sunlight, dangerous	<u>Plants</u> Photosynthesis, pollen, insect/wind pollination, seed formation, seed dispersal (wind dispersal, animal dispersal, water dispersal)
Year 4	<u>Animals including Humans</u> Digestive system, digestion, mouth, teeth, saliva, oesophagus, stomach, small intestine, nutrients, large intestine, rectum, anus, teeth, incisor, canine, molar, premolars, herbivore,	<u>Electricity</u> Electricity, electrical appliance/device, mains, plug, electrical circuit, complete circuit, component, cell, battery, positive, negative, connect/connections, loose connection, short circuit, crocodile clip, bulb, switch, buzzer, motor, conductor, insulator,	<u>States of Matter</u> Solid, liquid, gas, state change, melting, freezing, melting point, boiling point, evaporation, temperature, water cycle, degrees Celsius, cooled, heated, condensation.	<u>Living things and their habitats</u> Classification, classification keys, environment, habitat, human impact, positive, negative, migrate, hibernate	<u>Sound</u> Sound, source, vibrate, vibration, travel, pitch (high, low), volume, faint, loud, insulation

	carnivore, omnivore, producer, predator, prey, food chain	metal, non-metal, symbol			
Year 5	<u>Forces</u> Force, gravity, Earth, air resistance, water resistance, friction, mechanisms, simple machines, levers, pulleys, gears	<u>Animals including humans</u> Puberty – the vocabulary to describe sexual characteristics (see PSHE vocabulary)	<u>Investigating materials</u> Thermal/electrical insulator/conductor, change of state, mixture, dissolve, solution, soluble, insoluble, filter, sieve, reversible/non-reversible change, burning, rusting, new material	<u>Earth and Space</u> Earth, Sun, Moon, (Mercury, Jupiter, Saturn, Venus, Mars, Uranus, Neptune), spherical, solar system, rotates, star, orbit, planets, axis, gravitational pull.	<u>Living things and their habitats</u> Life cycle, reproduce, sexual, sperm, fertilises, egg, live young, metamorphosis, asexual, plantlets, runners, bulbs, cuttings
Year 6	<u>Light</u> As for Year 3 - Light, light source, dark, absence of light, transparent,	<u>Living things and their habitats (Classification)</u> Vertebrates, fish, amphibians, reptiles, birds, mammals,	<u>Evolution and inheritance</u> Offspring, sexual reproduction, vary, characteristics,	<u>Animals including humans</u> Heart, pulse, rate, pumps, blood, blood vessels, transported, lungs, oxygen, carbon dioxide, nutrients,	<u>Electricity</u> Circuit, complete circuit, circuit diagram, circuit symbol, cell,

	translucent, opaque, shiny, matt, surface, shadow, reflect, mirror, sunlight, dangerous, plus straight lines, light rays	invertebrates, insects, spiders, snails, worms, flowering, non-flowering Linnaean system	suited, adapted, environment, inherited, species, fossils	water, muscles, cycle, circulatory system, diet, exercise, drugs, lifestyle Deficiencies, energy, function	battery, bulb, buzzer, motor, switch, voltage
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