



	Strand	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Biology	Animals, inc. Humans	fish, amphibian, reptile, bird, mammal, carnivore, herbivore, omnivore, head, scales, fins, tail, skin, eyes, mouth, arm, leg, fur, hair, beak, wing, feature, sense, taste, smell, sight, touch, hear, tongue, nose, eyes, fingers, ears, habitat, care	offspring, baby, adult, growth, survival, healthy, water, food, air, exercise, food groups, nutrition, diet, hygiene, egg, chick, chicken, caterpillar, pupa, butterfly, spawn tadpole, frog, lamb, sheep	diet, nutrition, balance, ingest, health, protein, sugar, carbohydrate, fat, food pyramid, mineral, vitamin, fibre, skeleton, bone, support, protection, movement, muscle, push, pull, endoskeleton, exoskeleton	function, digestive system, mouth, tongue, teeth, incisor, canine, molar, oesophagus, stomach, small intestine, large intestine, anus, food chain, producer, predator, prey, herbivore, carnivore (differences in dentition)	life-cycle, changes, ageing, foetus, baby, toddler, child, puberty, teenager, adult, elderly, death	circulatory system, function, heart, blood vessel, artery, vein, capillary, blood, diet, exercise, drugs, lifestyle, health, nutrient and water transport, harm, bodily damage
	Living Things & their Habitats		living, dead, never been alive, category, classify, air, feeds, grows, reproduces, gets rid of waste, microhabitat, damp / wet / dry, dark / light, features, habitat, savannah, rainforest, tundra, food chain, food source, predator, Sun, seasons		Organism, life processes, respiration, sensitivity, reproduction, excretion, nutrition, habitat, environment, species, endangered, extinct, change, key, classification, characteristic, vertebrate, invertebrate	life-cycle, reproduction, plant, animal, mammal, amphibian, insect, bird, naturalists (Jane Goodall, David Attenborough), sexual, asexual, spawn, egg, hatch, live birth, complete or incomplete metamorphosis, instar, larva	classification, characteristic, observe, similarity, difference, micro-organism, plant, animal, reasons, invertebrate, vertebrate, Carl Linnaeus
	Plants	plant, vegetable, tree, deciduous, evergreen, leaf, root, trunk, stem, branch, flower, blossom, petal, fruit, bulb, seed, bud, wild, grow	Seed, bulb, mature plant, grow, healthy, conditions, water, light, warmth, germination, survival, reproduction	structure, function, root, stem, trunk, leaf, life, growth, air, light, water, nutrients, soil, space, variety, water transport, flower, role, life-cycle, pollination, fruit, seed formation, seed dispersal			
Chemistry	Materials	Everyday Materials object, material, wood, plastic, glass, metal, water, rock, properties, hard / soft, stretchy / stiff, shiny / dull, rough / smooth, bendy, waterproof, absorbent, opaque / transparent, compare, group	Uses of Everyday Materials wood, metal, plastic, glass, brick, rock, paper, cardboard, use, purpose, change, compare, squash, bend, twist, stretch		States of Matter solid, liquid, gas, compare, change, heat, cool, temperature (°C), freeze, melt, evaporation, condensation, shape, container, water cycle, ice, steam, sublimation	Properties & Changes of Materials hardness, solubility, transparency, conductivity (electrical & thermal), magnetic response, acid, dissolve, solution, mixture, separate, filter, sieve, evaporate, reversible change, irreversible change, burning, corrode	
	Rocks & Fossils			rock, group, sort, appearance, physical properties, living thing, fossilisation, fossil, mould, mineral, preserved, soil, organic matter, grains, crystals, igneous, sedimentary, metamorphic, acid, react, dissolve, inert			Evolution & Inheritance Living things, change, time, fossil, evidence, offspring, not identical, variation, adaptation, survival, evolution, Mary Anning, Charles Darwin, Alfred Wallace
Physics	Earth & Space	Seasonal Changes Season, winter, spring, summer, autumn, observe, compare, weather, day length, sunlight, sun safety				Solar system, Earth, planet, star, sun, moon, spherical body, orbit, movement, rotation, axis, day length, sky, light, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, dwarf planet, Ceres, Pluto, geocentric model, heliocentric model	
	Electricity				electricity, appliance, series circuit, closed loop, component, cell, wire, bulb, switch, clip, buzzer, conductor, metal, insulator, safety, danger		bulb, brightness, buzzer, volume, number / voltage of cells, compare, component, function, effect of switches, circuit diagram, symbols, electrical safety
	Forces & Magnets			movement, surfaces, contact force, magnetic force (distance), attract, repel, magnetic, non-magnetic, material, north pole, south pole, magnetic field		object, gravity, fall, Earth, attraction, air resistance, water resistance, friction, mechanism, lever, pulley, gear, greater / lesser effect of force	
	Light			light, darkness, see, reflect, surface, sunlight, dangerous, safety, protect, eyes, shadow, opaque, blocked, shadow pattern (size), mirror, transparent, translucent			straight lines, emit, source, reflection, eye, refraction, shadows, shape, periscope, puppet, rainbow, light dispersion, prism, refraction
	Sound				sound, vibration, object, travel, medium, ear, hearing, pitch, volume, strength, fainter, louder, distance, instrument, music		