



Progression of Vocabulary through Science

Topic	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Seasonal Change	Season, autumn, winter, spring, summer, wind(y), snow(y), sun(ny), month, sunset, sunrise, rain(y), weather, constellation, cloud(y), hot, warm, cold					
Animals including Humans	Head, mouth, eyes, ears, mouth, teeth, leg, wing, tall, short, claw, fin, scales, feathers, fur, beak, paws, hooves, herbivore, carnivore, omnivore (+different animal names) Human Body: Head, neck, arms, elbows, legs, knees, face, ears, eyes, mouth, teeth, hair, hands, fingers, touch, see, smell, taste, hear, nose, tongue, boy, girl	healthy, hygiene, disease, germs, life cycle,	Nutrition, nutrients, sugars, protein, vitamins, minerals, fibre, fat, water, skeleton, bones, joint, movement, support, protection, muscles, skull, ribs, knee, elbow, spine,	Digestive system, digestion, mouth, teeth, saliva, oesophagus, saliva, stomach, small/large intestine, nutrients, rectum, anus, incisor, canine, molar, premolar, decay, tongue, rip, tear, chew, grind, cut, herbivore, carnivore, omnivore, producer, consumer, predator, prey, consumer, food chain, energy	Baby, toddler, child, teenager, adult, puberty, development, foetus, embryo, womb, gestation, elderly, adolescent,	Circulation, circulatory system, heart, pulse, pump, blood, blood vessels, valve, veins, arteries, oxygenated, deoxygenated, transport, lungs, oxygen, carbon dioxide, nutrients, water, muscles, cycle, diet, exercise, drugs, lifestyle, health, hydrated, hydration, exercise, respiration
Living things and their habitats		Offspring, reproduction, growth, infant, young, old, water, food, nutrients, change, hatch, spawn, tadpole		Fish, mammal, amphibian, reptile, bird, insects, arachnids, crustaceans, worms, molluscs, vertebrate, invertebrate, classify, classification, environment, habitat, human impact, migrate, hibernate, shelter, protection	Life cycle, reproduce, reproduction, sexual, asexual, live young, metamorphosis, sperm, fertilise, egg, plantlets, bulbs, pollen, germination, pollination, seed dispersal, ovum, live birth, gestation period, stamen, stigma,	Organism, microorganism, microscope, fungi, microbe, bacteria, virus, living organism, classification, vertebrates, invertebrates, amphibians, reptiles, mammals, insects



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Plants	Leaf, trunk, flower, branch, stem, bark, blossom, flower, petal, root, bud, bulb, seed, evergreen, deciduous (+names of plants and trees)	Plantlet, beanstalk, light, mature, shade, warmth, nutrients, grow, temperature, water, air, sunlight, space	Function, carbon dioxide, pollen, pollination, male, female, ovule, transported, absorb, insect, pollinator, dispersal, botanist, reproduction, soil			
Materials	object, material, wood, plastic, glass, metal, solid, liquid, rock, hard, soft, bendy, rough, smooth, stiff, absorbent	hard, soft, stretchy, rigid, shiny, dull, rough, smooth, bendy, waterproof, absorbent, opaque, transparent, translucent, brick, paper, fabrics, squashing, bending, twisting, stretching, elastic, foil, suitable, properties		solid, liquid, gas, state, melting, solidify, boiling, point, freezing, cool, evaporation, temperature, water cycle, condensation, water vapour, precipitation, transpiration, heat, heating thermometer, degrees, Celsius	hardness, solubility, solute, solvent, soluble, insoluble, transparency, conductivity, conductor, insulator, electrical, thermal, magnetic, dissolve, solution, substance, mixture, mixing, filtering, sieving, evaporating, reversible, non-reversible, acid, rusting	
Light			light, light source, dark, opaque, transparent, translucent, reflective, surface, shadow, sun, sunlight artificial, protection, danger, illuminate, ultraviolet (UV), reflect mirror			light rays, straight lines, block, absorb, light source, direct light, dark, direction, transparent, opaque, translucent, reflection, absorption, transmission, shadow emit, see, eye, optics, luminous, non-luminous, casts, spectrum, rainbow, refraction



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Forces and Magnets			Force, push, pull, contact force, non-contact force, magnetic force, magnet, strength, attract, repel, friction, resist, magnetic material, metal, iron, steel, poles, north, south		Push, pull, effect, water resistance, air resistance, streamlined, force, effect, weight, mass, newton metre, newtons, gravity, Earth, friction, mechanisms, lever, pulley, gear	
Rocks and Soils			Rock, soil, fossils, grain, layers, texture, permeable, impermeable, strong, weak, brittle, tough, sedimentary, igneous, metamorphic, geologist, porous, absorbent, granite, pumice, sandstone, marble			
Sound				sound, noise source, vibrate, vibration, travel, pitch, high, low, volume, faint, fainter, loud, quiet, tune, high, low, echo, Insulation, solids liquids, instrument vacuum, decibels		
Electricity				electricity, electrical device, electrical appliances, mains, plug, components, conductor, insulator, circuit, symbol, cell, battery, wire, bulb, switch, buzzer, motor, connection, simple circuit, short circuit,		cell, battery, volt, voltage, amps, circuit, complete circuit, loop, circuit diagram, bulb, lamp, buzzer, motor, switch, positive, negative, terminal connect, connection,



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				positive, negative, crocodile clip, metal, non-metal, bright, dim, brighter, dimmer		short circuits, component, dim, bright, conductor, insulator, terminal, series circuit, parallel circuit, switch, break, metal, non-metal, volume, resistance
Earth and Space					Earth, Sun, Moon, Mars, Mercury, Venus, Jupiter, Saturn, Uranus, Neptune, sphere, spherical, Solar system, rotate, rotation, orbit, star, planets, night, day, constellation, telescope, heliocentric, geocentric, asteroid, comet, dwarf planet, crater, axis, phases, shadow	
Evolution and Inheritance						Evolution, inheritance, inherited, fossils, adaptation, characteristics, reproduction, genetics, variation, vary, environment, species, natural selection, extinction, mutation
Working Scientifically	Question, questioning, observe, record, identify, group, classify, sort, predict, tally chart, table, Carroll diagram, Venn diagram, data, patterns, compare, research, label	Question, questioning, observe, record, identify, group, classify, sort, predict, tally chart, table, Carroll diagram, Venn diagram, data, patterns, compare, research, measure, change, describe,	Relevant questions, simple tests, observe, systematic, accurate, measure, pattern, identify, classify, fair test, compare, research, table, Venn/Carroll diagram, identification keys, bar charts,	Relevant questions, simple test, plan, careful, observe, systematic, accurate, measure, pattern seek, identify, classify, compare, fair test, research, label, tables, Venn/Carroll diagrams,	Enquiry, relevant questions, accurate, precise, data, measure, repeat readings, observe, pattern seek, identifying, classifying, comparative tests, fair tests, researching, report, label,	Enquiry, relevant questions, accurate, precise, data, measure, repeat readings, observe, pattern seek, identifying, classifying, comparative tests, fair tests, researching, report, label,



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		label, pictogram, block diagram, explain	conclusion, predict, plan, record, explain	identification keys, bar charts, conclusions, explain, evidence, results, prediction, improvements, enquiry	tables, mean, average, classification keys, bar charts, line graphs, scatter graphs, conclusions, processes, relationships, refute, degree of trust, improvements, variables, quantitative, systematic, interpret	tables, mean, average, classification keys, bar charts, line graphs, scatter graphs, conclusions, processes, relationships, refute, degree of trust, improvements, variables, quantitative, systematic, interpret
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