

Science Curriculum Key Vocabulary Progression Chart

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Working Scientifically question, answer, observe, observing, equipment, identify, sort, group, compare, differences, similarities, describe, measurements, test, results, secondary sources record - diagram, chart		Working Scientifically oral and written explanations, conclusion, predictions, criteria, classify, changes, data, contrast, evidence, improve, secondary sources, guides, keys, construct, interpret research - relevant question equipment - thermometer, data - gather, standard units, record, classify, present record - drawings, labelled diagrams, keys, bar charts, tables		Working Scientifically plan, variables, measurements, accuracy, precision, repeat readings, predictions, further comparative and fair test, identify, classify and describe, patterns, systematic, quantitative measurements report data - scientific diagrams, labels, classification keys, tables, scatter graphs, bar graph and line graphs report and present - conclusions, casual relationships, explanations, degree of trust, oral and written display and presentation evidence - support, refute, ideas or arguments biology, physics, chemistry	
Animals including humans amphibians, fish, reptiles, mammals, birds (+ 1 example of each) herbivore, omnivore, carnivore head, nose, ear, neck, shoulder, arm, elbow, wrist, hand, back, chest, hip, leg, knee, ankle, foot wing, beak, tail, fin sight, smell, touch, taste, hearing	Animals including humans survival, water, air, food reproduce, adult, baby, offspring, kitten, calf, puppy food chain, prey, predator, camouflage, protection exercise, hygiene, balanced diet	Animals including humans skeleton, skull, bones, muscles, movement, support, protection, nutrition	Animals including humans mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, nutrients, absorb, canine, incisor, molar producer, consumer, apex predator	Animals including humans womb, foetus, embryo, gestation, baby, toddler, teenager, elderly growth, development, puberty	Animals including humans function, circulatory system, heart, valve, blood vessel, vein, artery transport, oxygenated, deoxygenated lifestyle, drug
Plants deciduous, evergreen, tree, leaf, flower (blossom), petals, fruit, bulb, seed, roots, stem, trunk, branches	Plants growth, germinate, light, temperature reproduce, lifecycle	Plants air, water, transportation, nutrients, soil, reproduction, seed formation, seed dispersal, pollination	Living things & their habitats vertebrates, invertebrates (+ 1 example of each) environment, habitat, classification key	Living things & their habitats life process, reproduction, offspring,	Living things & their habitats characteristic, classification, organism, micro-organism
Everyday materials wood, plastic, glass, paper, metal, rock	Everyday materials and their uses brick, fabric, elastic, foil	Rocks soils, organic matter, fossil, crystal	States of matter solid, liquid, gas, evaporation, condensation, particle,	Properties and changes to materials	Evolution & Inheritance adaptation, evolution, characteristic,

hard, soft, rough, smooth, shiny, dull, bendy, stiff	property, solid, waterproof, absorbent, opaque, transparent, squash, bend, flexible, twist, stretch push, pull, roll, slide, bounce	sandstone, granite, marble, pumice absorbent, crumble sedimentary, layer, sediment igneous, magma, lava, gas bubbles (tiny holes/spaces) metamorphic, change, squeeze, pressure	temperature, freezing, heating	hardness, transparency, conductivity (electrical, thermal) solubility, solution dissolve, filter, evaporate, sieve, reversible, irreversible	reproduction, genetics, survival
Seasonal change season, spring, summer, autumn, winter, month, year, day, night, sun, moon, light, dark	Living things & their habitats living, dead, habitat, microhabitat, woodland, meadow, hedgerow, pond	Light light source, mirror, reflect, reflective, reflection shadow, blocked transparent, translucent, opaque	Sound vibration, wave, volume, pitch, tone, insulation	Earth & Space Earth, sun, moon, solar system, axis of rotation, day, night, phases of the moon, star, constellation	Light refraction, reflection, spectrum, rainbow
		Forces & magnets force, contact, surface, magnetic, attract, repel, poles	Electricity appliance, battery power, main power, circuit, series, cell, battery, wire, bulb, switch, break in circuit conductor, insulator	Forces air resistance, water resistance, friction, gravity lever, gear, pulley, Newtons	Electricity circuit - series, parallel voltage, volts, amps