

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		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		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	survival, water, air, food reproduce, adult, baby, offspring, kitten, calf, puppy food chain, prey, predator, camouflage, protection exercise, hygiene, balanced diet	skeleton, skull, bones, muscles, movement, support, protection, nutrition	mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, nutrients, absorb, canine, incisor, molar producer, consumer, apex predator	womb, foetus, embryo, gestation, baby, toddler, teenager, elderly growth, development, puberty	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	growth, germinate, light, temperature reproduce, lifecycle	air, water, transportation, nutrients, soil, reproduction, seed formation, seed dispersal, pollination			
Living things					
	living, dead, habitat, microhabitat, woodland, meadow, hedgerow, pond		vertebrates, invertebrates (+ 1 example of each) environment, habitat, classification key	life process, reproduction, offspring,	characteristic, classification, organism, micro-organism
					Evolution & Inheritance
					adaptation, evolution, characteristic, reproduction, genetics, survival
Everyday materials	Everyday materials and their uses	Rocks	States of matter	Properties and changes to materials	
wood, plastic, glass, paper, metal, rock hard, soft, rough, smooth, shiny, dull, bendy, stiff	brick, fabric, elastic, foil property, solid, waterproof, absorbent, opaque, transparent, squash, bend, flexible, twist, stretch push, pull, roll, slide, bounce	soils, organic matter, fossil, crystal sandstone, granite, marble, pumice absorbent, crumble sedimentary, layer, sediment igneous, magma, lava, gas bubbles (tiny holes/spaces) metamorphic, change, squeeze, pressure	solid, liquid, gas, evaporation, condensation, particle, temperature, freezing, heating	hardness, transparency, conductivity (electrical, thermal) solubility, solution dissolve, filter, evaporate, sieve, reversible, irreversible	

Seasonal change		Light	Sound	Earth & Space	Light
season, spring, summer, autumn, winter, month, year, day, night, sun, moon, light, dark		light source, mirror, reflect, reflective, reflection shadow, blocked transparent, translucent, opaque	vibration, wave, volume, pitch, tone, insulation	Earth, sun, moon, solar system, axis of rotation, day, night, phases of the moon, star, constellation	refraction, reflection, spectrum, rainbow
		Forces & magnets	Electricity	Forces	Electricity
		force, contact, surface, magnetic, attract, repel, poles	appliance, battery power, main power, circuit, series, cell, battery, wire, bulb, switch, break in circuit conductor, insulator	air resistance, water resistance, friction, gravity lever, gear, pulley, Newtons	circuit - series, parallel voltage, volts, amps