

Science: Progression of vocabulary

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Working Scientifically science, experiment, changes, time, look closely. Equipment: Magnifying glass.	Working Scientifically question, answer, observe, observing, equipment, identify, sort, group, compare, differences, similarities, describe, measurements, test, results, secondary, primary, sources. Record: diagram, chart.	Working Scientifically oral and written explanations, conclusion, predictions, criteria, classify, changes, data, contrast, evidence, improve, 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, biology, physics, chemistry. 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.			
Animals, plants and people human, head, face, hair, eyes, nose, mouth, ears, leg, knee, feet, toes arm, elbow, hand, fingers. animal, fish, birds, local animals to include: fox, rabbit, squirrel, badger, deer. tree, trunk, branch, leaves, flowers, stem, petals, roots, bulb, seed, fruit.	Animals including humans amphibians, fish, reptiles, mammals, birds (+ 3 examples 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, 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 living, dead, habitat, microhabitat, woodland, meadow, hedgerow, pond.		Living things & their habitats vertebrates, invertebrates (+ 3 examples of each) environment, habitat, classification key.	Living things & their habitats life process, reproduction, offspring.	Living things & their habitats characteristic, classification, organism, micro-organism.

						Evolution & Inheritance adaptation, evolution, characteristic, reproduction, genetics, survival
Materials material, wood, plastic, metal. hard, soft	Everyday materials EYFS + Rock, glass, paper, hard, soft, rough, smooth, shiny, dull, bendy, stiff.	Everyday materials and their uses brick, fabric, elastic, foil. property, solid, waterproof, absorbent, opaque, transparent, squash, bend, flexible, twist, stretch. push, pull, roll, slide, bounce.	Rocks 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.	States of matter solid, liquid, gas, evaporation, condensation, particle, temperature, freezing, heating.	Properties and changes to Materials hardness, transparency, conductivity (electrical, thermal) solubility, solution. dissolve, filter, evaporate, sieve, reversible, irreversible.	
Seasons seasons, summer, spring, autumn winter, day, light, daylight, night, dark, sun, moon.	Seasonal change EYFS + day, week, month, Year and the names of the months.		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.		Forces air resistance, water resistance, friction, gravity lever, gear, pulley, Newtons.	
				Electricity appliance, battery power, main power, circuit, series, cell, battery, wire, bulb, switch, break in circuit, conductor, insulator.		Electricity circuit - series, parallel voltage, volts, amps.