Science – Vocabulary

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6	Working scientifically
EYFS	**Seasons** seasons, summer, spring, autumn winter, day, light, daylight, night, dark, sun, moon cold, freeze, hard, hot, melt, soft, float, sink magnets, push, pull		**Materials** material, wood, plastic, metal shiny, hard, soft, rough, smooth		**Animals, plants and people** human, head, face, hair, eyes, nose, mouth, ears, leg, knee, feet, toes arm, elbow, hand, fingers sight, seeing, hearing, listening, taste, eating, smell, touch, feeling animal, fish, birds, local animals to include: fox, rabbit, squirrel, badger, deer habitats, home, hot, cold, ocean, forest, desert tree, trunk, branch, leaves, flowers, stem, petals, roots, bulb, seed, fruit		science, experiment, changes, time, look closely **Equipment:** magnifying glass

Year 1	Everyday materials	Seasonal change	Everyday materials	Animals including humans	Plants	question, answer, observe, observing, equipment, identify, sort, group, compare, differences, similarities, describe, measurements, test, results, secondary, primary, sources. **Record:** diagram, chart.
	EYFS + rock, glass, paper, hard, soft, rough, smooth, shiny, dull, bendy, stiff	EYFS + day, week, month, year and the names of the months	EYFS + rock, glass, paper, hard, soft, rough, smooth, shiny, dull, bendy, stiff	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	deciduous, evergreen, tree, leaf, flower, petals, fruit, bulb, seed, roots, stem, trunk, branches	
Year 2	Animals including humans	Everyday materials	Living things and their habitats	Plants		
	survival, water, air, food reproduce, adult, baby, offspring, kitten, calf, puppy. food chain, prey, predator, camouflage, protection, exercise, hygiene, balanced diet	brick, fabric, elastic, foil. property, solid, waterproof, absorbent, opaque, transparent, squash, bend, flexible, twist, stretch, push, pull, roll, slide, bounce	living, dead, habitat, microhabitat, woodland, meadow, hedgerow, pond	growth, germinate, light, temperature. reproduce, lifecycle.		

Year 3	Rocks	Animals including humans	Light	Forces and magnets	Plants	oral and written explanations, conclusion, predictions, criteria, classify, changes, data, contrast, evidence, improve, guides, keys, construct, interpret.
	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	skeleton, skull, bones, muscles, movement, support, protection, nutrition	light source, mirror, reflect, reflective, reflection, shadow, blocked, transparent, translucent, opaque	force, contact, surface, magnetic, attract, repel, poles	air, water, transportation, nutrients, soil, reproduction, seed formation, seed dispersal, pollination	**Research:** relevant question.

Year 4	Animals including humans	All living things	States of matter	Sound	Electricity	Equipment: thermometer.
	mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, nutrients, absorb, canine, incisor, molar. producer, consumer, apex predator	vertebrates, invertebrates (+ 3 examples of each) environment, habitat, classification key	solid, liquid, gas, evaporation, condensation, particle, temperature, freezing, heating	vibration, wave, volume, pitch, tone, insulation	appliance, battery power, main power, circuit, series, cell, battery, wire, bulb, switch, break in circuit, conductor, insulator	Data: gather, standard units, record, classify, present. Record: drawings, labelled diagrams, keys, bar charts, tables.

| Year 5 | Properties and change of materials

hardness, transparency, conductivity (electrical, thermal) solubility, solution, dissolve, filter, evaporate, sieve, reversible, irreversible | Forces

air resistance, water resistance, friction, gravity lever, gear, pulley, Newtons | Earth and Space

Earth, sun, moon, solar system, axis of rotation, day, night, phases of the moon, star, constellation | All living things

life process, reproduction, offspring | Animals including humans

womb, foetus, embryo, gestation, baby, toddler, teenager, elderly, growth, development, puberty | plan, variables, measurements, accuracy, precision, repeat readings, predictions, further comparative and fair test, identify, classify and describe, patterns, systematic, quantitative measurements, biology, physics, chemistry. |
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Year 6	Electricity	Light	Animals including humans	All living things	Evolution and inheritance	Report data: scientific diagrams, labels, classification keys, tables, scatter graphs, bar graph and line graphs.
	circuit, series, circuit, parallel circuit, voltage, volts, amps	refraction, reflection, spectrum, rainbow	function, circulatory system, heart, valve, blood vessel, vein, artery transport, oxygenated, deoxygenated, lifestyle, drug	characteristic, classification, organism, microorganism	adaptation, evolution, characteristic, reproduction, genetics, survival	**Report and present:** conclusions, casual relationships, explanations,
						degree of trust, oral and written display and presentation. **Evidence:** support, refute, ideas or arguments.