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.
	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	**Record:** diagram, chart.
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** 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	**Animals including humans** skeleton, skull, bones, muscles, movement, support, protection, nutrition	**Light** light source, mirror, reflect, reflective, reflection, shadow, blocked, transparent, translucent, opaque	**Forces and magnets** force, contact, surface, magnetic, attract, repel, poles	**Plants** air, water, transportation, nutrients, soil, reproduction, seed formation, seed dispersal, pollination	oral and written explanations, conclusion, predictions, criteria, classify, changes, data, contrast, evidence, improve, guides, keys, construct, interpret. **Research:** relevant question. **Equipment:** thermometer.
Year 4	**Animals including humans** mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, nutrients, absorb, canine, incisor, molar. producer, consumer, apex predator	**All living things** vertebrates, invertebrates (+ 3 examples of each) environment, habitat, classification key	**Sound** vibration, wave, volume, pitch, tone, insulation	**States of matter** solid, liquid, gas, evaporation, condensation, particle, temperature, freezing, heating	**Electricity** 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.
Year 6	**Electricity** circuit, series, circuit, parallel circuit, voltage, volts, amps	**Light** refraction, reflection, spectrum, rainbow	**Animals including humans** function, circulatory system, heart, valve, blood vessel, vein, artery transport, oxygenated, deoxygenated, lifestyle, drug	**All living things** characteristic, classification, organism, micro-organism	**Evolution and inheritance** adaptation, evolution, characteristic, reproduction, genetics, survival	**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.