



## Science Vocabulary Progression

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Animals including humans	Fish, birds, eyes, mouth, hair, feathers, smell, touch, see, hear, taste	Fish, birds, eyes, mouth, hair, feathers, smell, touch, see, hear, taste	fish, amphibians, reptiles, birds, mammals, carnivores, herbivores, omnivores, body parts (e.g. eyes, hair, mouth, leg, scales, feathers, beak, paws, hooves, fin), habitat, senses (e.g. smell, touch)	basic needs, offspring, life cycle, survival, exercise, hygiene, heartbeat, pulse, breathing, germs, disease, reproduction, growth, nutrition, life cycles (e.g. caterpillar, pupa, butterfly)	humans, nutrients, nutrition, food groups e.g protein, carbohydrate, skeleton, bones, muscle, support, protection, movement	function, digestive system, teeth (e.g. molar, incisor), gum, tongue, food chain, producer, predator, prey, mouth, oesophagus, stomach, small intestine, large intestine, rectum, anus, carnivores, herbivores, omnivores, dental hygiene, classification, classification key		systems (e.g. skeletal, digestive, circulatory), heart, pulse, blood vessels, arteries, veins, transported, lungs, oxygen, carbon dioxide, diet, exercise, drugs, lifestyle, nutrients, water, animal, human, internal organs, body function, healthy
Plants	Flowers, leaves, petals, petal	Flowers, leaves, petals, petal	deciduous, evergreen, leaves, flowers, blossom, petals, fruits, berry, roots, bulb, seed, trunk, branches, stem, stalk, bud, living, non-living, germination, temperature, environment, habitats		flowering plant, root, stem/trunk, leaves, flower, life, growth, air, light, shade, warm, cool, water, nutrients, soil, vary, transported, life cycle, pollination, seed formation, seed dispersal, structure, function, nutrition, support, reproduction, fertiliser, temperature, photosynthesis			
Seasonal changes	sun, rain, wind, snow, weather, day, spring, summer, autumn, winter	sun, rain, wind, snow, weather, day, spring, summer, autumn, winter	seasons, spring, summer, autumn, winter, weather, sunrise, sunset, day, length, deciduous, evergreen					

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Materials	Grass, metal, water, plastic, wood, paper	Grass, metal, water, plastic, wood, paper	living, non-living, material, wood, plastic, grass, metal, water, rock, properties, brick, paper, fabric, elastic, foil, comparing properties (e.g. rough, smooth, shiny, dull, stretchy, stiff, bendy, not bendy, waterproof, absorbent, opaque, transparent, hard, soft)	wood, metal, plastic, brick, rock, paper, cardboard, solid, squashing, bending, twisting, stretching, properties, suitable, unsuitable, purposes, objects, suitability		solid, liquid, gas, state, change, heated, cooled, melting, freezing, melting point, boiling point, measure, temperature, degrees Celsius, evaporation, condensation, water cycle, particle, movement, vibrate, space	properties, material, hardness, transparency, conductivity, electrical, thermal, magnetic, dissolve, liquid, solution, soluble, insoluble, substance, solid, liquid, gas, mixture, filtering, sieving, evaporating, metal, wood, plastic, mixing, reversible, irreversible, burning, acid, rusting	
Living things and their Habitats	home, live, sea, woods, beach	home, live, sea, woods, beach		living, dead, alive, habitat, basic needs, shelter, feed, depend, variety, micro-habitats, food chain, sources of food, provide, obtain, characteristics, essential habitats (e.g. seashore, woodland, ocean, rainforest), micro-habitats (under logs, in bushes etc)			environments, human impact, migrate, hibernate, mammal, amphibian, insect, fish, bird, reptile, life cycle, reproduction, plants, variety, living things, naturalists, animal behaviourist, reproduction – sexual, asexual, habitat, vertebrate, invertebrate	characteristics, similarities, differences, micro-organisms, invertebrates, vertebrates, scientists (e.g. Carl Linnaeus – pioneer of classification), keys, plants, flowering, non-flowering, animals, subdivided
Forces	push, pull, float, sink	push, pull, float, sink		magnet, magnetic force, attract, repel, materials, magnetic, poles, forces, strength, push, pull, magnets (e.g. bar, ring, button, horseshoe), direct contact, act, magnetic material, contact force, non-contact force, magnetic force			earth, space, movement, planet, sun, moon, spherical, solar, rotation, day, night, sky, planet names (e.g. Mars, Mercury), celestial body, light source, eclipse, galaxy, solar system, orbits, axis, phase of moon (e.g. lunar)	
Rocks					rock types e.g. sedimentary, igneous, appearance, physical properties, fossils, organic matter, soils e.g. clay, loam, rock, stone, pebble, boulder, grain, crystals, layers			

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Light	light, dark, torch, sun, see	light, dark, torch, sun, see			light, light source, dark, absence of light, transparent, translucent, opaque, reflect, reflection, reflected, surface, sun, protect, shadows			light, straight lines, light rays, objects, reflect, eye, travels, light sources, reflection, shadows, periscope, shadow puppets, rainbows (including Y3 vocabulary)
Sound	ear, hear, sound, noise, loud, quiet	ear, hear, sound, noise, loud, quiet				vibrate, vibrating, vibration, travel, medium, ear, patterns, pitch, sound, source, features, object, volume, faint, loud, increases, decreases		
Electricity						electricity, appliance/device, mains, plug, complete circuit, positive, negative, series circuits, loose connection, short circuit, cells, wires, bulbs, switches, buzzers, lamps, loop, battery, open switch, closed switch, conductor, insulator, metal, motor, symbol		
Earth and Space	space, moon, sun, stars, Earth	space, moon, sun, stars, Earth					forces, <del>Earth</del> , gravity, friction, falling object, air resistance, water resistance, act, moving surface, mechanism, lever, pulley, gears, effort, push, pull, Galileo, Isaac Newton, theory of gravitation, springs, Newton meter, weight, mass	
Evolution and Inheritance								change, fossils, evolution, inherit, adapt, offspring, environment, variation, suited, species, fossil, palaeontologists (e.g. Charles Darwin, Mary Anning, Alfred Wallace)

