



Science Vocabulary Progression Year 1 – Year 6

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		senses: hear, smell, touch, taste, see animals: beak, wing, paw, feathers, claw, talons main body parts: head, neck, arms, elbows, legs, knees, face, ears, hair, mouth, teeth, abdomen, chest, shoulders, toes classification: herbivore, carnivore, omnivore, mammal, living, bird, fish, reptile, amphibian movement: fly, swim, crawl, run	animals, plants senses health: illness, medicine, exercise, hygiene, healthy, diet, fit, nutrition, unhealthy diet life processes: survive, living, movement, respiration, growth, basic needs, reproduction, excretion, life process life cycles: offspring, life cycle, baby, child, teenager, adult, elderly	skeletal system: skeleton, muscle, bone, skull, ribs, spinal column, backbone, joints, sockets, femur, collarbone, humerus, ulna, radius, hip, pelvis, fibula, tibia, kneecap, shoulder blade, movement, support, protection, contract, relax classification: vertebrates, invertebrates, insects, minibeasts, mammals, reptiles, fish, birds, amphibians nutrition: food, growth, healthy, unhealthy, nutrition, exercise, balanced diet, sugar, fruit, vegetables, protein, carbohydrates, fat, dairy, vitamins, minerals	teeth: canines, incisor, molars, premolars diet/digestion: carnivore, herbivore, omnivore, digestion, large intestines, oesophagus, peristalsis, predator, prey, producer, saliva, small intestines, stomach	reproduction/stage s of life: baby, toddler, child, teenager, adult, senior, death, puberty, fertilise, egg, sperm, conception, foetus, womb, birth, develop, grow, change	circulatory system: heart, heartbeat/heart rate, pulse, muscle, blood vessel, lungs, oxygen, oxygenated blood, deoxygenated blood, circulate, vein, artery diet: diet, exercise, unhealthy, harmful, healthy, nutrients, water, transport, hygiene, smoking, alcohol, overweight



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		plant, root, grow, branch, deciduous, evergreen, tree, flower, leaf, seed, stem, soil, trunk, to plant, to water types of plants: tree, daisy, birch, dandelion, fir tree, buttercup, wild plant, pine tree, fruit, flower, nettle, oak tree, holly, vegetable, weed, sycamore tree	compost, sunlight, temperature, plant, tree, deciduous, evergreen parts of a plant: flower, roots, stem, leaf, bulb, seed, seedling	vegetable, plant reproduction: pollen, pollination, pollinators, formation, dispersal, reproduce parts of a plant: root, branch, seed, flower, leaf, seedling, stem, bulb, fruit, flower, blossom, trunk needs of a plant: compost, nutrients, grow, air, light, soil			
			alive, conditions, adapted, animals, plants, living, dead, survive, basic needs, life process, food chain classification: carnivore, herbivore, omnivore habitats: woodland forest, jungle, polar region, desert, mountain, habitat, microhabitat		adaptation, pollution, habitats, environment, environmental change, classification: exoskeleton, carnivore, herbivore, omnivore, mammal, reptile, bird, amphibian, key, classify, vertebrate, invertebrate, pigeon, eagle, gull, minibeast, insect life processes: movement, respiration, growth, reproduction, excretion, nutrition,	classification: mammal, reptile, bird, fish, amphibian, insect life processes: nutrition, movement, respiration, reproduction, excretion, growth, sensitivity life cycles: egg, life cycle, womb, fertilisation, pollination, pollen, stamen, pistil, seed dispersal	characteristics, classify, environment, compare, features, classification key, key, flowering plant, non-flowering plant classification: vertebrate, invertebrate, exoskeleton, vascular, non-vascular, taxonomy, herbivore, carnivore, omnivore, mammal, reptile, amphibian, bird, pigeon, eagle, seagull, fish microorganisms: microorganism, bacteria, virus, fungi

					sensitivity		
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Biology						evolution: environment, gene, natural selection, organism, evolution, change over time, species, population, features, trait, inherited, characteristics, reproduce, offspring, variation, mutation, survive, survival of the fittest, adaptation
			Evolution			

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Year 1

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properties:

fragile, heavy, light, hard,
soft, smooth, rough, squidgy,
waterproof, strong,
weak, bumpy, stretchy,
see-through, breakable

materials:

plastic, wood, rubber, fabric,
metal, brick, rock, glass,
paper, material, cotton, wool,
fleece

properties:

fragile, heavy, light, hard, soft, smooth, rough,
squidgy, waterproof, strong,
weak, bumpy, stretchy, see-through, breakable

materials:

plastic, wood, rubber, fabric, metal, brick, rock,
glass, paper, material, cotton, wool, fleece

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states of matter:

solid, liquid, gas

		properties: flexible, soluble, insoluble, durable, thermally, magnets, magnetic, permeable,		absorbant processes:		sin g, evaporation	
							



Science Vocabulary Progression Year 1 – Year 6

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Chemistry			rocks, soils, stone, pebbles types of rock: slate, marble, chalk, granite, sandstone, clay properties: hard, soft, permeable, appearance, physical properties, acid Rocks			
			rock formation: sedimentary, metamorphic, igneous, magma, bedrock, fossil	temperature, group, property, compare, particle, thermometer, research, change, degrees Celsius, observe		
			States of Matter	states of matter: solid, liquid, gas, state of matter, carbon dioxide, oxygen, helium, natural gas, air		
				processes:		

solidify, heat,
measure,
condensation, boiling,
cool, condense,
evaporation,
evaporate,
melt/melting,
freeze/freezing

water cycle:

water cycle, run-off,
precipitation, collection,
condensation,
evaporation, droplet



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		Forces and Magnets	contact, non-contac iron, force, pull, push, magnet, poles, attra repel, magnetic,	gear, lever, pull, newton meter, surface area, push, pull, movement, grip, contact, streamlined types of force: repel, upthrust/buoyancy, friction, air resistance, gravity, drag		
			non-magn etic, metal, stronger, weaker, movement , bigger, smaller force			
			Physics			
		autumn, spring, winter, summer, seasons, grow, new life, year, change, tree, plant, shadow				

Seasonal Change

weather types:

sun, snow, rain, hail,
wind

temperature:

cold, hot, warm



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Earth and Space

day, month, year,
gravity, shadow, time
zones, revolve, orbit,
spin, rotate, axis,
reflect

solar system:
Neptune, Mercury,
Venus, Mars, Jupiter,
Saturn, Uranus,
Earth, Sun, Moon,
planet, star, space,
solar system

phases of the Moon:
waning gibbous,
waxing gibbous,
waxing crescent,
waning crescent, last
quarter, full Moon, first
quarter, new Moon

Electricity







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		Physics				
			dark, absence of light, luminous, travel, reflection, reflect, shadow, see, eyes, mirror, direction, straight lines light source: torch, sunlight, light source properties: opaque, translucent, transparent, reflective, block			dark, absence of light, luminous scattering, absorption, refraction, travel, direction, straight lines, bend, reflective, mirror, reflection, reflect, block, shadow, cast rainbow, colours see, eyes light source: torch, light beam, Sun, light, light source, light ray properties: opaque, translucent, transparent
			Light Sound	vibrate, vibration, travel, sound, source, tension, particle, air parts of the ear: pinna, cochlea, eardrum, ear volume:		

quiet, loud, soft,
loudness, volume,
muffle, faint, noise

pitch:
pitch, high, low