




Science Vocabulary Progression Year 1 – Year 6

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Biology	Animals including humans	<p>senses: hear, smell, touch, taste, see</p> <p>animals: beak, wing, paw, feathers, claw, talons</p> <p>main body parts: head, neck, arms, elbows, legs, knees, face, ears, hair, mouth, teeth, abdomen, chest, shoulders, toes</p> <p>classification: herbivore, carnivore, omnivore, mammal, living, bird, fish, reptile, amphibian</p> <p>movement: fly, swim, crawl, run</p>	<p>health: illness, medicine, exercise, hygiene, healthy, diet, fit, nutrition, unhealthy diet</p> <p>life processes: survive, living, movement, respiration, growth, basic needs, reproduction, excretion, life process</p> <p>life cycles: offspring, life cycle, baby, child, teenager, adult, elderly, animals, plants senses</p>	<p>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</p> <p>classification: vertebrates, invertebrates, insects, minibeasts, mammals, reptiles, fish, birds, amphibians</p> <p>nutrition: food, growth, healthy, unhealthy, nutrition, exercise, balanced diet, sugar, fruit, vegetables, protein, carbohydrates, fat, dairy, vitamins, minerals</p>	<p>teeth: canines, incisor, molars, premolars</p> <p>diet/digestion: carnivore, herbivore, omnivore, digestion, large intestines, oesophagus, peristalsis, predator, prey, producer, saliva, small intestines, stomach</p>	<p>reproduction/stages of life: baby, toddler, child, teenager, adult, senior, death, puberty, fertilise, egg, sperm, conception, foetus, womb, birth, develop, grow, change</p>	<p>circulatory system: heart, heartbeat/heart rate, pulse, muscle, blood vessel, lungs, oxygen, oxygenated blood, deoxygenated blood, circulate, vein, artery</p> <p>diet: diet, exercise, unhealthy, harmful, healthy, nutrients, water, transport, hygiene, smoking, alcohol, overweight</p>
		 www.grammarsaurus.co.uk					



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





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Biology	Evolution						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



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Chemistry	Materials	<p>properties: fragile, heavy, light, hard, soft, smooth, rough, squidgy, waterproof, strong, weak, bumpy, stretchy, see-through, breakable</p>	<p>properties: fragile, heavy, light, hard, soft, smooth, rough, squidgy, waterproof, strong, weak, bumpy, stretchy, see-through, breakable</p>				
		<p>materials: plastic, wood, rubber, fabric, metal, brick, rock, glass, paper, material, cotton, wool, fleece</p>	<p>materials: plastic, wood, rubber, fabric, metal, brick, rock, glass, paper, material, cotton, wool, fleece</p>				
						<p>states of matter: solid, liquid, gas, change, reversible, irreversible, saturation, insulation</p> <p>properties: flexible, soluble, insoluble, durable, thermal, magnets, magnetic, permeable, absorbent</p> <p>processes: dissolving, evaporating, sieving, filtration, heat, boiling, condensing, evaporation, freezing, melting, chemical change, physical change</p>	



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Chemistry	Rocks			<p>types of rock: slate, marble, chalk, granite, sandstone, clay, rocks, soils, stone, pebbles</p> <p>properties: hard, soft, permeable, appearance, physical properties, acid</p> <p>rock formation: sedimentary, metamorphic, igneous, magma, bedrock, fossil</p>			
	States of Matter				<p>states of matter: solid, liquid, gas, state of matter, carbon dioxide, oxygen, helium, natural gas, air, temperature, group, property, compare, particle, thermometer, research, change, degrees Celsius, observe</p> <p>processes: solidify, heat, measure, condensation, boiling, cool, condense, evaporation, evaporate, melt/melting, freeze/freezing</p> <p>water cycle: water cycle, run-off, precipitation, collection, condensation, evaporation, droplet</p>		





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Physics	Forces and Magnets			contact, non-contact, iron, force, pull, push, magnet, poles, attract, repel, magnetic, non-magnetic, metal, stronger, weaker, movement, bigger, smaller force		types of force: repel, upthrust/buoyancy, friction, air resistance, gravity, drag, gear, lever, pull, newton meter, surface area, push, pull, movement, grip, contact, streamlined	
	Seasonal Change	autumn, spring, winter, summer, seasons, grow, new life, year, change, tree, plant, shadow weather types: sun, snow, rain, hail, wind temperature: cold, hot, warm					



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Physics	Earth and Space					<p>solar system: Neptune, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Earth, Sun, Moon, planet, star, space, solar system, day, month, year, gravity, shadow, time zones, revolve, orbit, spin, rotate, axis, reflect</p> <p>phases of the Moon: waning gibbous, waxing gibbous, waxing crescent, waning crescent, last quarter, full Moon, first quarter, new Moon</p>	
	Electricity				<p>appliance, battery, conductor, circuit, components, current, electrical, insulator, mains power, portable, pylon, switch</p>		<p>appliance, battery, conductor, circuit, components, current, electrical, insulator, mains power, pylon, renewable energy, non-renewable energy</p>





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Physics	Light			<p>light source: torch, sunlight, light source dark, absence of light, luminous, travel, reflection, reflect, shadow, see, eyes, mirror, direction, straight lines</p> <p>properties: opaque, translucent, transparent, reflective, block</p>			<p>light source: torch, light beam, Sun, light, light source, light ray, dark, absence of light, luminous, scattering, absorption, refraction, travel, direction, straight lines, bend, reflective, mirror, reflection, reflect, block, shadow, cast,rainbow, colours see, eyes</p> <p>properties: opaque, translucent, transparent</p>
	Sound				<p>parts of the ear: pinna, cochlea, eardrum, ear</p> <p>vibrate, vibration, travel, sound, source, tension, particle, air</p> <p>volume: quiet, loud, soft, loudness, volume, muffle, faint, noise</p> <p>pitch: pitch, high, low</p>		

