



Brookside Primary School

Science Curriculum - Vocabulary Progression

BIOLOGY VOCABULARY PROGRESSION

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
Animals, including humans	<p>Head, body, eyes, ears, mouth, teeth, tail, leg, wing, claw, fin, scales, feathers, fur, beak, paw, hoof, arm</p> <p>Sense, touch, taste, smell, see, hear, skim, eyes, nose, tongue, hearing, eyesight, ear, feel</p>	<p>Offspring, reproduction, adolescent, caterpillar, hygiene, germs, protein, carbohydrate, fat, nutrient, life cycle, life stage</p>	<p>Protein, carbohydrate, fat, nutrient, sugars, nutrition, vitamins, minerals, skeleton, bones, fibre, water, muscle, digestion, skull, ribs, spine, joints</p>	<p>Digestive system, digestion, mouth, teeth, saliva, oesophagus, stomach, small intestine, large intestine, rectum, anus, incisor, canine, molar, premolar, herbivore, carnivore, omnivore, producer, predator, prey, apex predator, food chain, food web</p>	<p>Puberty, adolescents, elderly, foetus, gestation period, adulthood</p>	<p>Heart, pulse, pump, blood, blood vessel, artery, vein, aorta, vena cava, ventricle, atrium, valve, oxygenated, deoxygenated, oxygen, carbon dioxide, nutrients, circulatory system, diet, drugs, lifestyle, exercise</p>
Plants	<p>Leaf, flower, blossom, petal, fruit, berry, root, seed, trunk, branch, stem, bark, stalk, bud, bulb, germination</p>	<p>Leaf, flower, blossom, petal, fruit, berry, root, seed, trunk, branch, stem, bark, stalk, bud, bulb, germination, shade, nutrient</p>	<p>Photosynthesis, pollen, pollination, seed dispersal, anther, filament, stigma, style, ovule, ovary, fertilisation, stomata, transpiration, xylem</p>			
Living things and their habitats		<p>Living, dead, never been alive, habitat, food chain, grassland, forest, pond, woodland, desert, ocean, polar, microhabitat, excretion, reproduction, respiration, mountains, river</p>		<p>Classification, classification key, human impact, positive, environment, habitat, negative, migration, hibernate, extinct,</p>	<p>Life cycle, reproduction, sexual reproduction, sperm, fertilisation, egg, metamorphosis, asexual reproduction, pollination, seed, bulb, cutting, larva, pupa, chrysalis, imago</p>	<p>Vertebrates, invertebrates, fish, amphibians, reptiles, birds, mammals, insects, flowering, non-flowering, aorta, diaphragm, DNA, taxonomy</p>
Evolution and inheritance						<p>Sexual reproduction, asexual reproduction, offspring, reproduction, variation, characteristics, adaption, environment, inherited, evolution, species, fossils</p>



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CHEMISTRY VOCABULARY PROGRESSION

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
Everyday Materials	Object, material, wood, plastic, glass, metal, rock, brick, paper, fabric, elastic, foil, rubber, wool, hard, soft, stretchy, stiff, bendy, waterproof, absorbent, brittle, shiny, dull, transparent, opaque	Object, material, wood, plastic, glass, metal, rock, brick, paper, fabric, elastic, foil, rubber, wool, hard, soft, stretchy, stiff, bendy, waterproof, absorbent, brittle, shiny, dull, plasticity, transparent, opaque, reflective, non-reflective, translucent			Thermal conductor, thermal insulator, electrical conductor, electrical insulator, change of state, mixture, dissolve, solute, solvent, solution, insoluble, filtration, burning, evaporation, soluble, reversible change, irreversible change	
Rocks (Y4 2023 onwards)			Sedimentary, igneous, metamorphic, fossil, soil, porous, weathering, mineral, crystal, texture, hardness, drainage	Sedimentary, igneous, metamorphic, fossil, soil, porous, weathering, mineral, crystal, texture, hardness, drainage		
States of matter (Y4 2022 only)			State of matter, change of state, solid, liquid, gas, melting, freezing, solidify, melting point, boiling point, evaporation, condensation, temperature, water cycle, precipitation, cloud	State of matter, change of state, solid, liquid, gas, melting, freezing, solidify, melting point, boiling point, evaporation, condensation, temperature, water cycle, precipitation, cloud		



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PHYSICS VOCABULARY PROGRESSION

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
Earth and Space					Sun, moon, Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, spherical, elliptical, rotation, orbit, clockwise, anticlockwise	
Electricity				Electricity, appliance, mains, plug, circuit, complete circuit, open circuit, cell, battery, electrode, positive, negative connection, crocodile clip, bulb, bulb holder, switch, buzzer, motor, component, conductor, insulator, wire, metal, non-metal, circuit symbol		Electricity, appliance, mains, plug, circuit, complete circuit, open circuit, cell, battery, electrode, positive, negative, connection, crocodile clip, bulb, bulb holder, switch, buzzer, motor, component, conductor, insulator, wire, metal, non-metal, circuit symbol, voltage, current
Forces (including Magnets)			Force, push, pull, twist, magnetism, magnet, attract, repel, magnetic material, iron, steel, neodymium, magnadur magnet, pole, friction magnetic field		Force, push, pull, twist, contact force, non-contact force, friction, gravity, air resistance, water resistance, machine, lever, pulley, gears	
Light			Light, light source, dark, transparent, translucent, opaque, shiny, matt, shadow, reflect			Light, light source, dark, transparent, translucent, opaque, shiny, matt, shadow, reflect, straight lines, ray diagram,
Seasonal changes	Weather, climate, windy, sunny, rainy, snowy, season, winter, spring, summer, autumn, temperature, tornado, lightning, thunder,					



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	rainfall, sunrise, sunset, horizon, day length, day light, night-time, thermometer, rain gauge					
Sound				Sound, source, vibrate, vibration, travel, pitch, frequency, volume, faint, loud, insulation, solid, liquid, gas, dissipate, spread		