

Fairfields Primary School Science Progression in Vocabulary Map

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Plants	In the Garden	Growing Plants	Investigating Plants			
	petal, tall, taller, tallest, wild, trunk, similar, different, within, under, next to, soil, blossom, fruit, leaves, branch, bulbs, shrub, alive, vegetables, grass, garden, habitat, deciduous, earth, evergreen, compost, non-living, living, not alive, dead, artificial Names e.g. daffodil, daisy, sunflower, rose, lavender, tulip, snowdrop, holly, dandelion, oak, beech, chestnut, pine	seedling, bulb, buds, shoot, water, sun light, seeds, nuts, fruit stones, warm, grow, temperature, geminate	Ground, transport, attract bees, catch sunshine, green, air, nutrients, growth, pollen, pollination, seed formation, seed dispersal, nutrition, support, anchor, reproduction			

Fairfields Primary School Science Progression in Vocabulary Map

Animals including humans	Different Animals	Growth and Survival	Healthy Eating and Healthy Bodies	Teeth and Digestion	Human Life Cycles	Humans and Health
	<p>Body parts: eyes, ears, elbows, hair, mouth, nose, teeth, paw, hoof, tail, fin, shell, skin, wings, beak, fur, scales, feathers</p> <p>Fish: goldfish, tuna, salmon</p> <p>Birds: blackbird, magpie, robin, sparrow, crow, swan. Reptiles: snake, lizard, tortoise</p> <p>Mammals: mouse, horse, cow, sheep, hamster, rabbit</p> <p>Amphibians: frog, toad, newt</p> <p>Senses: feel, hear, smell, see, taste, touch</p> <p>Carnivore, omnivore, herbivore</p>	<p>Baby, toddler, adult, eggs, fruit, vegetables, water, fibre, meat, fish, cheese, beans</p> <p>washing, exercise, diet</p> <p>offspring</p>	<p>Balanced diet, carbohydrates, protein, fats, fibre, fruit and vegetables, bones, muscles, femur, ribs, spine, tibia, shoulder blade, hollow, relax and contract, protect, support, internal skeleton, exoskeleton</p>	<p>Teeth and eating: incisor, molar, canine, diet, decay, healthy, teeth, acids, sugars, mouth, rip, tear, chew, grind</p> <p>Digestive system: saliva tongue, toilet waste, nutrients energy, stomach, large/small intestine, brain, lungs, movement, acids, urine, faeces, oesophagus</p>	<p>New born, infant, child, teenager, puberty, adult, wrinkles, grey hair, height, weight</p>	<p>Heart, veins, arteries, capillaries, blood, pulse, beats, oxygen, carbon dioxide nutrients, organs, drugs, medicines, minerals, vitamins, lungs, caffeine, medical, legal, illegal</p>

Fairfields Primary School Science Progression in Vocabulary Map

Living Things and Their Habitats	Seasonal Changes	Habitats		Classification and Interdependence	Life Cycles	Classification/Evolution and Inheritance
	<p>Seasons: Autumn, Spring, Summer, Winter, deciduous, evergreen, shoot, fruit, earth, seeds, leaves, flowers, weather types: rain, hail, snow, ice, frost, sun, showers, wind, reproduce, babies/adults, life cycles, birds, insects, cold, warm, hot, sunrise, sunset</p>	<p>Dead, alive, living, non-living, habitats, keys, breathe, grow, eat, have babies, move, sense, go to the toilet, habitat, microhabitat, food chain</p>		<p>Predator, prey, producer, river, ocean, desert, arctic, rainforest, mountain, farmland, wood, dry, wet, vegetation, shelter, vertebrate, invertebrate, classify, characteristic, flowering plant, non-flowering plant (fern, moss)</p>	<p>Live young, hatch, tadpole, caterpillar, butterfly, ladybird, pupae, larvae, chrysalis, reproduction, asexual, sexual, life cycle, pollination, seed dispersal, pollen, stamen, stigma</p>	<p>Micro-organism, microbe, fungus, bacteria, virus, classified, classification key, yeast, characteristic, microscope Variety, variation, offspring, species, competition, adapt, adaptation, reproduce, survive, evolve, fossil record, gills, blubber, moulting, long neck, hooves, eyelashes, tails, generation</p>

Fairfields Primary School Science Progression in Vocabulary Map

Materials	Everyday Materials	Uses of Every Day Materials	Rocks, Fossils and Soil	Solids, Liquids and Gases	Changes of Materials	
Light and Sound			Light and Shadows	Sound and Vibrations		Light
	Hard, stiff, rough, not bendy, opaque, strong, soft, shiny, smooth, waterproof, stretchy, material, transparent, dull, bendy, absorbent, wood, plastic, glass, magnetic, elastic, fabric, metal, water, rock,	Brick, cardboard, transparent, waterproof, insulate, keep warm, hard, rigid, strong, flexible, squash, stretch, twist, bend	Rock, soil, marble, granite, sand, stone, slate, chalk, clay, texture, absorbed, permeable, pebble, characteristic, surface, organic, impermeable, crystal, grains, crumbly, igneous, sedimentary, metamorphic, fossil	Water, air, ice, milk, lemonade, juice, metal, solid, liquid, gas, pour, flow, change shape, squash, heat, cool, grain/granular, temperature, thermometer, freeze, melt, boil, evaporate, condense, steam, smoke, sea water, properties, melting point, degrees Celsius,	Hardness, solubility, transparency, conductivity, thermal, insulation, dissolve, solution, separation, polymers, reversible, irreversible, evaporating, melting, evaporation, filtering, sieving, , dissolving, burning, rusting, vinegar, bicarbonate of soda, magnetism, insulators, conductors, soluble, insoluble	
			Shadow, light, flames, opaque, block, direction, light, travels, shortest, longest, highest, torch, shape, similar, transparent, translucent, light source, sun, object daytime, night-time, reflect, shine, shiny, absorb, reflective surface, surface, mirror, sundial, block, lamp	Sound, pitch, volume, vibrations, medium, insulation, travel, instrument		Reflection, transparent, translucent, opaque, periscope, luminous, non-luminous, absorb, direction

Fairfields Primary School Science Progression in Vocabulary Map

Forces			Forces and Magnets		Earth and Space /Forces	
			Force, push, pull, speed up, slow down, change shape, change direction, movement, direction, friction, magnets, magnetic, surface, magnetism, north pole, south pole, repel, attract,		Earth, Sun, planet, Mercury, Venus, Mars, Jupiter, Moon, Saturn, Uranus, Neptune, solar system, spherical, moon, day and night, celestial body, rotation, hemisphere, orbit, gravity, shadow, daylight force, air resistance, water resistance, magnetic attraction, gravitational attraction, direction, force, motion, weight, upthrust, Newton, forcemeter, stationary, surface area, force applied, pulley, lever, gear	

Fairfields Primary School Science Progression in Vocabulary Map

Electricity				Circuits and Components		Electricity
				Battery, cell, wires, switch, crocodile clips, buzzer, bulb, circuit, symbols, insulator, conductor, plastic, metal, appliance, component		Voltage, current, series, component, circuit, conductor, positive/negative terminal, complete circuit, battery, cell