

Vocabulary Progression - Science	Term	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Vocabulary (Tier 1)	1	Wood, plastic, glass, paper, water, metal, rock	Hard, soft, stretchy, stiff, dull, rough, smooth, brick, paper, fabric	Light, dark, absence, shadow, blocked	Cell, wires, bulbs, buzzer, switch, battery, circuit	Hard, magnetic, conductor, dissolve, property, reversible, irreversible, material, mixing	Cell, wire, bulb, battery, switch, circuit, buzzer, motor
	2	Leg, arm, elbow, head, ear, nose, back, wings, beak	Seeds, bulbs, water, light,	Movement, muscles, bones	Mouth, tongue, teeth, digestion	Male, female, mammal, amphibian, reptile, bird, fish, egg, plant	Light, colour, shadow, wave, ray, reflect
	3	Summer, spring, autumn, winter, sun, day, moon, night, light, dark	Water, air, food, adult, baby, kitten, calf, puppy	Soil, fossil, sandstone, pumice, granite, marble	Fish, birds, reptiles, amphibians, mammals, snails, worms, slugs, spiders, insects, environment, habitat	Earth, sun, moon, planet, space, solar system, day, night, star, venus, mars, Jupiter, Neptune, Saturn, Uranus, mercury, pluto	Vertebrate, invertebrate, mammal, reptile, amphibian, insect
	4	Leaves, flowers, trunk, branches, stem	Living, dead, wood, pond, desert, ocean	Air, light, water, soil, flower, nutrients, roots, stem, trunk, leaves	Solid, liquid, gas, temperature, freezing, heating	Friction, levers, pulleys, gears, gravity	Evolution, inheritance, fossil, characteristics, genetics
	5			Forces, magnetic, contact, push, pull	Volume, tone, pitch, faint, ear	Changes, growth, life cycle, life, death, baby, toddler, child, teenager, adult, old age	Diet, heart, blood, exercise, lungs, transport

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Vocabulary (Tier 2)	1	Hard, soft, bendy, rough, smooth, properties	Bendy, waterproof, absorbent, flexible	Light source, opaque, transparent, translucent	Series, conductor, insulator	Chemical, physical, soluble, transparent, permeable,	Conductor, insulator, amps, volts, voltage

				reflective, natural		separation, filtering, sieving	
	2	Fish, reptiles, mammals, birds, amphibians	Temperature, growth, deciduous, evergreen	Skeleton, skull, nutrition, support, protection, functions, movement, diet	Herbivore, carnivore, omnivore, molar, incisor, canine, producer, predator, prey, stomach, small intestine, large intestine	Reproduction, pollination, cell, sexual, asexual	Refraction, filter, lens, rainbow, spectrum,
	3	Sleet, hail, fog,	Nutrition, survival, hygiene, exercise	Crystals, absorbent, organic matter,	Vertebrate, invertebrate, endangered, extinct	Axis, rotation, phases of the moon, waxing gibbous, waning gibbous, waxing crescent, waning crescent, dwarf planet, orbit	Organism, microorganism, bacteria, species, family
	4	Petals, roots, fruit, bulb, seeds	Habitat, food chain, energy, micro-habitat, environment	Germination, pollination, fertilisation, formation	Evaporation, condensation, particles	Newton, air resistance, water resistance,	DNA, adaptation, variation

	5			Attract, repel, friction, poles	Vibration, wave, pitch	Reproduce, foetus, life expectancy, fertilisation, adolescence, puberty, womb, development	Blood vessels, veins, arteries, valve, circulation, artery, capillary, oxygen
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Vocabulary (Tier 3)	1	Flexible, absorbent,	Transparent, translucent, opaque	Artificial, luminosity	Amps, volts	Suspension, polymers, molecule	Alternating current, direct current
	2	Herbivore, omnivore, carnivore	Nutrients, germination, reproduction	Vertebrate, invertebrate, exoskeleton,	Oesophagus, gall bladder, pancreas, duodenum	Metamorphosis, gestation,	Photon, angle of incidence
				endoskeleton			
	3	Climate, humid, atmosphere	Offspring, diet	Igneous, sedimentary, metamorphic, palaeontologist, permeable	Organism, classification, variation,	Celestial body, heliocentric, geocentric, constellation	Linnaean system, phylum, genus, classification
	4	Deciduous, evergreen	Predator, prey, characteristics	Stigma, stamen, style, ovule, ovary, sepal, filament, anther	Precipitation, vapour	Streamline, mechanism	Natural selection, Darwin
	5			Compass, magnetic field,	Decibel, amplitude	Gestation	Respiration, oxygenated, deoxygenated, pulmonary, alveoli
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