



Science Vocabulary Progression Early Years – Key Stage Two

Vocabulary														
Year Group	Plants	Animals inc Humans	Materials	Seasonal Changes	Living things and their habitat	Rocks	Light	Forces and Magnets	States of Matter	Sound	Electricit y	Earth and Space	Forces	Evolution and Inheritan ce
Early Years														
1	Leaf, flower, blossom, petal, fruit, berry, root, seed, trunk, branch, stem, bark, stalk, bud, names of local trees,	Head, body, ears, eyes, mouth, teeth, leg, tail, wing, fin, claw, scales, feathers, fur, beak, paws, hooves, Names of animals experien ced first-han d from each vertebra te group, Parts of the body includin g those linked to PSHE teachin g, Senses – touch, see, smell, taste, hear, fingers (skin), eyes, nose, ear and tongue	Objec t, materi al, wood, plastic , glass, metal, water, rock, brick, paper, fabric, elastic , foil, card/ cardb oard, rubber , wool, clay, hard, soft, stretch y, stiff, bendy , floppy , water proof, absor bent, breaks /tears, rough, smoot h, shiny, dull, see-thr ough, not see-thr ough	Weather (sunny, rainy, windy, snowy etc.) Seasons (winter, summer, spring, autumn) Sun, sunrise, sunset, day length										
2	As for Year 1 plus light, shade, sun, warm, cool, water, grow, healthy	Offspring, reproduction, growth, child, young /old stages (exam ples - chick/hen, baby/child/adult, cater pillar/butterfly), exercise, heartbeat, breathing, hygien	Names of materia Is – wood, metal, plastic, glass, brick, rock, paper, cardbo ard Properti es (as for Yr1) and plus opaqu e, transpa rent and transluc ent, reflectiv e, non reflectiv e,		Living, Dead, Never been alive, suited, suitable, basic needs, food, food chain, shelter, move, feed Names of local habitats e.g. pond, woodlan d etc. Names of micro-ha bitats e.g. under logs, in									



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		e, germs, diseas e, food types (exam ples – meat, fish, veget ables, bread, rice, pasta)	flexible, rigid Shape, push/p ushing, pull/pull ing, twist/twi sting, squash/ squashing, bend/b ending, stretch/ stretching	bushes etc.								
3	Photosyn thesis, pollen, insect/wind pollinati on, seed dispersal (wind dispersal , animal dispersal)	Nutrition, nutrients, carbohy drates, sugars, protein, vitamins, minerals, fibre, fat, water, skeleton, bones, muscles, joints, support, protect, move, skull, ribs, spine			Rock, stone, pebble, boulder, grain, crystals, layers, hard, soft, texture, absorb water, soil,fossil, marble, chalk, granite, sandston e, slate, soil, peat, sandy/c halk/cla y soil	Light, light source, dark, absence of light, transpar ent, transluc ent, opaque, shiny, matt, surface, shadow, reflect, mirror, sunlight, dangero us	Force, push, pull, twist, contact force, non-con tact force, magneti c force, magnet, strength, bar magnet, ring magnet, button magnet, horsesho e magnet, attract, repel, magneti c material, metal, iron, steel, poles, north pole, south pole					
4		Digestive System, digestion , mouth, teeth, saliva, oesopha gus, stomach , small intestine, nutrients, large intestine, rectum, anus, teeth, incisor, canine, molar, premolar s, herbivor e, carnivor e, omnivor e, produce r, predator , prey, food chain		Classific ation, classifica tion keys, environ ment, habitat, human impact, positive, negative, migrate, hibernat e				States of matter, liquid, gas, state change, melting, freezing, melting point, boiling point, evapora tion, tempera ture, water cycle	Sound, source, vibrate, vibration, travel, pitch (high, low), volume, faint, loud, insulation	Electricit y, electrica I applianc e/devic e, mains, plug, electrica I circuit, complet e circuit, compon ent, cell, battery, positive, negative , connect /connec tions, loose connecti on, short circuit, crocodil e clip, bulb, switch, buzzer, motor, conduct or, insulator, metal, non-met		



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									al, symbol			
	5	Puberty – the vocabu lary to describ e sexual charact eristics	Thermal/electrica I insulator /conductor, change of state, mixture, dissolve, solution, soluble, insoluble , filter, sieve, reversible e/non-reversible change, burning, rusting, new material	Life cycl e, repr odu ce, sexu al, sper m, fertili ses, egg, live you ng, met amo rpho sis, asex ual, plan tlets, runn ers, bulb s, cutti ngs						Earth, Sun, Moon, (Mercury, Jupiter, Saturn, Venus, Mars, Uranus, Neptune), spherical, solar system, rotates, star, orbit, planets	Force, gravity, Earth, air resistanc e, water resistanc e, friction, mechani sms, simple machine s, levers, pulleys, gears	
	6	Heart, pulse, rate, pumps, blood, blood vessels, transport ed, lungs, oxygen, carbon dioxide, nutrients, water, muscles, cycle, circulato ry system, diet, exercise, drugs, lifestyle		Vertebra tes, fish, amphibi ans, reptiles, birds, mammal s, invertebr ates, insects, spiders, snails, worms, flowerin g, non-flow ering		As for Year 3 plus Light, plus straight lines, light rays			Circuit, complet e circuit, circuit diagram, circuit symbol, cell, battery, bulb, buzzer, motor, switch, voltage			Offspring, sexual reproduction, vary, characteristics, suited, adapted, environment, inherited, species, fossils