

Science Curriculum Key Vocabulary

Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Animals, including humans Head, leg, arms, hands, feet, hair, eyes, nose, ears	Animals, including humans Elbows, ankle, wrist, heart, lungs, brain, skeleton, muscles, cow/calf, pig/piglet, chicken/chick, duck/duckling, horse/foal, goat/kid	Animals, including humans Fish, amphibian, reptile, bird, mammal, carnivore, herbivore, omnivore, beak, wings	Animals, including humans Offspring, adult, develop, life cycle, reproduce, young, live young, dehydrate, diet, disease, energy, exercise, germs, heart rate, hygiene, nutrition, pulse	Animals, including humans Healthy, nutrients, energy, saturated fats, unsaturated fats, carbohydrates, protein, fibre, fats, vitamins, minerals, water, vertebrate, invertebrate, muscles, tendons, joints	Animals, including humans Digest, oesophagus, stomach, producer, predator, prey, incisors, canines, molars, premolars, crown, root, enamel, dentine, pulp, cementum	Animals, including humans Puberty, menstruation, gestation, hormones, conception, cells, immune system, fatal, life expectancy	Animals, including humans Circulatory system Capillaries Pulmonary Alveoli Gas exchange Villi Kidneys Liver
Plants Plant, flower, fruit	Plants Crops, wheat, barley, oats	Plants Root, stem, leaf, flower, fruit, seed/bulb	Plants Germination, shoot, emergent, canopy, understory, forest floor	Plants Main root, secondary roots, root hairs, minerals, absorb, photosynthesis, pollination, fertilisation, seed dispersal, anther, petal, carpel, stamen, sepal			
Living things and their habitats Ladybird, caterpillar, butterfly, beetle, living			Living things and their habitats Habitat, micro-habitat, food chain, producer, consumer, predator	Living things and their habitats	Living things and their habitats Organism, life processes, respiration, sensitivity, reproduction, excretion, nutrition, environment, endangered species, extinct, classification, specimen, characteristics	Living things and their habitats Reproduction (sexual and asexual), gestation, fertilisation, stigma, ovum, stamen, filament, sepal, metamorphosis, pollination, style, ovules, pollen, petal, nectar	Living things and their habitats
							Evolution and Inheritance Offspring, Inheritance, variations, characteristics, evolution, natural selection, fossil, adaptive / inherited traits, adaptation, habitat, environment
		Materials Properties, liquid, surface, object	Materials Transparent, opaque, stable, flexible, waterproof, natural, man-made	Rocks Igneous, sedimentary, metamorphic, sediment	States of Matter Solid, liquid, gas, melt, freeze, evaporate, condense, water vapour	Materials Reversible, irreversible, soluble, suspension	
		Seasonal Changes Spring, summer, autumn, winter					

					Electricity Generate, renewable, non-renewable, appliances, circuit, bulb, buzzer, motor, battery		Electricity Symbol, cell, current, amps, voltage, resistance, electrons
				Light Light source, dark, reflection, reflect, reflective, ray, pupil, retina, shadow, opaque, translucent, transparent	Sound Vibration, particles, soundproof, vacuum, eardrum, amplitude, volume, pitch, sound wave		Light Refraction, visible spectrum, prism, shadow,
Forces Move, lift	Forces Push, pull, up, down, wheel, roll, force			Forces and Magnets Forces, motion, friction, surface, magnet, magnetic, magnetic field, poles, repel		Forces Mass, weight, friction, water resistance, air resistance, buoyancy, streamlining, mechanisms, pulley, gears, levers	