



Science Vocabulary 2025/2026

	Autumn	Spring	Summer
Year N1 Vocabulary	Leaf, soil, tree, rain, sunshine, shade puddles, hot, cold, melt, wet, flower, farm animals (cow, pig , sheep, horse), big, small		
Year N2 Vocabulary	Weather(rain, sun, wind, hail, snow) leaves, trees, conker, acorn, seasons (Autumn, spring, summer, winter) planting, grow, seed, water, soil, change, recycle, explore, float, sink, melt, freeze, cook, hard, soft, warm, cold, hot baby animals (calf, piglet,lamb,chick,duckling)		
Year R Vocabulary	Environment, growing, big, small, planting, change, recycle, explore, predict, experiment, float, sink, melt, freeze, cook, hard, soft, warm, cold, hot(Autumn, spring, summer, winter) Weather(rain, sun, wind, hail, snow, lighter, darker, conker, acorn, pine cone, hibernation, natural and made objects, shape, size texture, buds, shoots,roots, evaporating, thermometer, temperature, lifecycle, endangered, alive/dead		
Year 1 Vocabulary	<p>Animals including humans</p> <p>Tier 2 – head neck arms elbows legs eye hair mouth teeth, tongue, feet, hands, torso, skin, senses, ears/hearing, hands/touch,nose/smell, eyes/sight, tongue/taste, birds, fish, feathers, scales, breathe, lay, young, diet.</p> <p>Tier 3 – characteristic, cold/warm-blooded, mammal, reptile, amphibian, carnivore, omnivore, herbivore</p>	<p>Everyday Materials</p> <p>Tier 2: object, wood, plastic, metal, rock, water; hard/soft; stretchy/stiff; shiny/dull; rough/smooth; bendy/not bendy; waterproof/not waterproof.</p> <p>Tier 3: properties, material, opaque/transparent absorbent/not absorb water; hard/soft; stretchy/stiff; shiny/dull; rough/smooth; bendy/not bendy; waterproof/not waterproof.</p>	<p>Plants</p> <p>Tier 2: plants, wild plants, garden plants, weeds, trees, seeds, root, shoot, soil, magnifying glass, flower, petal, stem, leaf/leaves, tree, trunk, bark, branch, blossom, acorn,</p> <p>Tier 3: local plant names, hand lens, common tree names, deciduous, evergreen</p>
On going	Weather (sunny, rainy, windy, snowy etc.), seasons (Winter, Summer, Spring, Autumn), sun, sunrise, sunset, day length		
Year 2 Vocabulary	<p>Animals including Humans</p> <p>Tier 2: living, features, move, feed, grow, senses, shelter, depend/survive, suitability, transfer, environment</p> <p>Tier 3: reproduce, habitat, microhabitat, source, nutrients, energy, food chain, producer, prey, predator</p>	<p>Living things and their habitats</p> <p>Tier 2: growth, human, child, toddler, teenager, adult, survive, shelter, exercise, muscles, heart, lungs, brain, meat, fruit, vegetables, dairy, fat, sugar, healthy, portion</p> <p>Tier 3: offspring, lifecycle, limbs, reproduce, energy, air (oxygen),</p>	<p>Plants</p> <p>Tier 2: seed, bulb, plant, protect, mature, roots, shoot, food supply, temperature</p> <p>Tier 3: seed coat, food store, seed leaves, germination, nutrients, absorb, energy, lifecycle, reproduce</p>

		<p>temperature, hygiene, mental health</p> <p>Uses of everyday materials</p> <p>Tier 2: wood, metal, plastic, glass, brick, rock, paper, cardboard, strong, waterproof, bounce, grip (sole), squash, bend, twist, stretch, stretchy/not stretchy, fabric,</p> <p>Tier 3: property, material, object, suitability, purpose, solid, fair test</p>	
<p>Year 3 Vocabulary</p>	<p>Animals including Humans</p> <p>Tier 2: growth, carbohydrate, fat, protein, dairy, domestic, pet, environment, diet, behaviour, company, health and welfare, skeleton, skull, ribcage, spine, muscle, relax, contract,</p> <p>Tier 3: nutrition, energy, calcium, joints, organs, triceps, bicep</p> <p>Light</p> <p>Tier 2: light, reflect, visible, visibility, dark, shiny, bright, dull, matt, mirror, angle, shadows, position, direction, damage, protection, sunrise, sunset, rotation, compass direction,</p> <p>Tier 3: light source, opaque, translucent, transparent, filters, UV rays, retina, pupil</p>	<p>Forces and Magnets</p> <p>Tier 2: push, pull, surface, movement, magnet, attract, repel, north/south pole, metal, iron, steel, nickel</p> <p>Tier 3: contact/non-contact force, friction, resistance, gravity, magnetic field, magnetism, horseshoe/bar/ring magnet</p> <p>Plants</p> <p>Tier 2: seed, parent plant, roots, stem, leaves, trunk/branches, flowers, transport, absorb, tubes, flower, pollen, nectar, attract</p> <p>Tier 3: dispersal, germination, root hair, function, nutrients, carbon dioxide, growth rate, nutrient, drought, climate, pollination,</p> <p>Reproduce</p>	<p>Rocks</p> <p>Tier 2: seed, parent plant, roots, stem, leaves, trunk/branches, flowers, transport, absorb, tubes, flower, pollen, nectar, attract</p> <p>Tier 3: dispersal, germination, root hair, function, nutrients, carbon dioxide, growth rate, nutrient, drought, climate, pollination, reproduce</p>
<p>Year 4 Vocabulary</p>	<p>States of Matter</p> <p>Tier 2: melt, temperature, freeze, melt</p> <p>Tier 3: states of matter, solid, liquid, gas, matter, mass, volume, particles, properties, water vapour,</p>	<p>Living things and their habitats</p> <p>Tier 2: group, category, key, flowering, non-flowering, environment, surroundings, conditions, natural, human-made, endangered, extinct, positive, negative, indifferent, protect, manage, impact</p>	<p>Animals including humans</p> <p>Tier 2: teeth, digestive system, mouth, tongue, stomach, adaptation, energy, prey, predator</p> <p>Tier 3: incisor, canine, molar, premolar, carnivore, omnivore,</p>

	<p>melting point, freezing point, condensation, evaporation, water cycle, precipitation, water vapour</p> <p>Electricity Tier 2: appliance, mains electricity, battery, generated, power station, electrical energy, pylon, plug, socket Tier 3: convert, series circuit, component, bulb (lamp), lamp holder, buzzer, cell, battery, wire, crocodile clip, electrical conductor, electrical insulator</p>	<p>Tier 3: classification, vertebrate, invertebrate, spores, dichotomous key, urbanisation, deforestation, pollution, climate change, population, fossil fuels, natural disaster, human impact, Venn diagram, conservation</p> <p>Sound Tier 2: sound, vibrate/vibrations, medium, volume, distance, decrease, insulation Tier 3: energy, sound wave, sound source, insulator, pitch</p>	<p>herbivore, oesophagus, small and large intestine, food chain, producer, primary/secondary/ tertiary consumer</p>
Year 5 Vocabulary	<p>Forces Tier 2: simple machine, effort, load, float, sink, streamlined, Tier 3: friction, resistance, forcemeter, contact force, gravity, gravitational pull, mass, matter, air resistance, water resistance, drag, upthrust, displace, lever, pulley, gear, transmission, mesh, axle, fulcrum, pivot, mechanisms, redirecting force</p> <p>Earth and Space Tier 2: Earth, sun, moon, planet, star, solar system, rotate, seasons, shadows, position, 24 hours, daytime, night-time Tier 3: orbit, atmosphere, scale, heliocentric, geocentric, planetary movement, axis</p>	<p>Animals including humans Tier 2: toddler, stages, lifecycle, puberty, pubic hair, breasts, periods, womb, chemical, mass Tier 3: embryo, foetus, adolescent, hormones, genes, DNA, oestrogen, testosterone, pituitary gland, reproduction, menstruation, gestation period, viviparous, zygote</p> <p>Living things and Their habitats Tier 2: lifecycle, natural world, expertise, observe, document, study Tier 3: stages of development, sexual, asexual, reproduction, larvae, embryo, metamorphosis, naturalist, sexual/ asexual reproduction, pistal/carpel, stigma, style, ovary, stamen, anther, nectar, pollen, pollination, fertilisation, dispersal, tuber, bulb, runner, clone, vegetative propagation, sperm, egg, external/internal fertilisation</p>	<p>Properties and changes of matter Tier 2: material, mixture, burning, rust Tier 3: thermal, conductor, insulator, transference, independent/dependent/ controlled variable, dissolve, solid, liquid, gas, states of matter, solution, filtration, sieving, evaporation, permeable, vapour, particles, irreversible, chemical changes, acid</p>
Year 6 Vocabulary	<p>Electricity Tier 2: symbol, device Tier 3: series circuit, cell, battery, component, voltage</p> <p>Light</p>	<p>Living things and their habitat Tier 2: insects, algae, moss, fern, conifer, bacteria Tier 3: vertebrate/non-vertebrate, taxonomy, arachnids, crustaceans, millipedes, annelids,</p>	<p>Animals inc humans Tier 2: pump, heart, lifestyle, drugs, medicine, illegal, vitamins Tier 3: circulatory system, organ, blood vessels, arteries, veins, capillaries, living cells, oxygen, carbon dioxide,</p>

	<p>Tier 2: beam, ray, shadow, cast, object, reflect, light source</p> <p>Tier 3: energy, distortion, factor, incident ray, reflected ray, angle of incidence, angle of reflection, normal line, phenomenon, refraction, spectrum, prism</p>	<p>echinoderms, molluscs, coelenterates, dichotomous key, ginkgoes, angiosperms, microorganism, microbes, fungi, protists</p>	<p>deoxygenated, oxygenated, platelets, plasma, red/white blood cells, antibodies, single/double circulatory system, nicotine, caffeine, proteins, stimulant, hallucinogen, depressant, nicotine, ethanol</p> <p><u>Evolution</u></p> <p>Tier 2: diversity, siblings, characteristics, traits, habitats, climate, extinction, crossbreed</p> <p>Tier 3: evolution, mould/body/trace/cast fossil, fossil record, species, variation, inheritance, inherited/environmental variation, selective-breeding, natural selection, adaptation, organism, pollinator</p>
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