

Science Vocabulary Overview



	Key Scientific vocabulary		Autumn	Spring	Summer
Year 1	Question Answer Equipment Gather Measure Record Result Sort Group Test	Explore Observe Compare Describe Similarities Differences Beaker Pipette Syringe	<u>Animals, including humans</u> arms, elbows, legs, knees, face, ears, eyes, eyebrows, eyelashes, nose, hair, mouth, teeth, tongue, feet, toes, fingers, nails, ankle, calf, thigh, hips, waist, trunk, chest, shoulders, back, hands, wrist, tail, wing, claw, fin, scales, feathers, fur, beak, senses, hear, see, touch, smell, taste.	<u>Materials</u> Object, material, wood, plastic, glass, metal, water, rock, brick, paper, fabric, elastic, foil, cardboard, rubber, wool, clay, hard, soft, stretchy, stiff, bendy, waterproof, absorbent, tear, rough, smooth, shiny, dull, see through. <u>Plants</u> Names of wild plants, garden plants, flowering plants, trees. leaf, flower, blossom, petal, fruit, berry, root, bulb, seed, trunk, branch, stem, bark, stalk, vegetable.	<u>Seasonal changes</u> Season, spring, summer, autumn, winter, weather, hot, warm, cool cold, sun, cloud, wind, rain, snow, hail, sleet, frost, fog, mist, icy, rainbow, thunder, lightning, storm, light, dark, day, night.
Year 2	Change over time Patterns Secondary source Identify Classify Data		<u>Living things and their habitats</u> Living, dead, local habitats, micro-habitats, basic needs, depend, food, food chain, shelter.	<u>Materials</u> Transparent, translucent, opaque, shape, twist, squash, bend, stretch, roll, squeeze. <u>Plants</u> Shoot, seedling.	<u>Animals, including humans</u> Offspring, life cycles, basic needs, survival, exercise, food types, hygiene.
Year 3	Scientific enquiry Fair test Accurate Observations Evidence Key Conclusions Prediction		<u>Forces and magnets</u> Force, magnetic force, magnet, strength, bar/ring/button/horse-shoe magnets, attract, repel, magnetic material, iron, steel, non-magnetic, poles, north/south pole. <u>Light</u> Light source, dark, reflect, mirror, shadow, block, direction.	<u>Animals, including humans</u> Nutrition, carbohydrates, protein, vitamins, minerals, fat, sugar, dietary fibre, balanced diet, skeleton, muscles, support, protection, movement, vertebrate, invertebrate. <u>Rocks</u> Stone, pebble, boulder, soil, fossils, grains, crystals, texture, marble, chalk, granite, sandstone, slate, sandy soil, clay soil, chalky soil, peat, permeable, impermeable.	<u>Plants</u> Air, nutrients, fertiliser, transported, pollination, seed formation, seed dispersal.

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Year 4	Relationships	<u>Animals including humans</u> Digestive system, canine, incisor, molar, pre-molar, saliva, oesophagus, stomach, small intestine, large intestine, rectum, anus, carnivore, herbivore, omnivore, producer, consumer, predator, prey, food chain. <u>Electricity</u> Electricity, appliance, device, mains, plug, electrical circuit, complete circuit, circuit diagram, circuit symbol, components, cell, battery, positive/negative, connect, connection, short circuit, wire, crocodile clip, bulb, bright/dim, switch, buzzer, motor, conductor, insulator.	<u>States of matter</u> States of matter, solid, liquid, gas, oxygen, powder, change state, ice/water/steam, water vapour, heating, cooling, temperature, degrees celsius, melt, freeze, solidify, melting point, boil, boiling point, evaporation, condensation, water cycle, precipitation, transpiration.	<u>Living things and their habitats</u> Classification keys, environment, fish, amphibians, reptiles, insect, birds, mammals, vertebrates, invertebrates, human impact. <u>Sound</u> Sound, sound source, noise, vibration, travel, pitch, tune, volume, fainter, muffle, insulation.
Year 5	Independent variable Dependent variable Controlled variable Precision Causal relationships	<u>Earth and Space</u> Earth, planets, sun, solar system, moon, celestial body, spherical, rotation, spin, dwarf planet, orbit, geocentric model, heliocentric model. <u>Materials</u> Rigid, flexible, electrical/thermal conductivity, dissolve, solution, insoluble, solvent, particle, mixture, filtering, sieving, residue, reversible/non reversible changes, burning, rusting.	<u>Living things and their habitats</u> Reproduction, sexual, asexual, germination, pollen, stamen, stigma, plantlets, runners, eggs, live young.	<u>Forces and Magnets</u> Fall, gravity, weight, mass, air resistance, water resistance, friction, mechanisms, levers, pulleys, gears.
Year 6	Opinion Fact	<u>Animals including Humans</u> Circulatory system, heart, blood, blood vessels, pumps, carbon dioxide, lungs, drugs, lifestyle.	<u>Evolution and Inheritance</u> Evolution, environment, adaptation, offspring, characteristics, variation, inherit, inheritance, fossil. <u>Living things and their habitats</u> Organism, microorganism, fungus, mushrooms, environment.	<u>Electricity</u> Terminal, voltage, current, resistance, series, parallel.