

SVPS Science Vocabulary Overview

Summer 1 Summer 2 Autumn 1 Spring 1 Year Use of everyday materials Animals including humans **Plants** head, body, eyes, ears, mouth, teeth, leg, object, material, wood, plastic, glass, metal, leaf, flower, blossom, petal, fruit, berry, root, tail, wing, claw, fin, scales, feathers, fur, water, rock, brick, paper, fabric, elastic, seed, trunk, branch, stem, bark, stalk, bud beak, paws, hooves foil, card/cardboard, rubber, wool, clay, Names of trees in the local area · Names of animals experienced firsthard, soft, stretchy, stiff, bendy, floppy, Names of garden and wild flowering plants in hand from each vertebrate group waterproof, absorbent, breaks/tears, the local area · Parts of the body · Senses - touch, see, rough, smooth, shiny, dull, see-through, not smell, taste, hear, fingers (skin), eyes, see-through nose, ear and tongue Year Seasonal changes Weather (sunny, rainy, windy, snowy etc.) • Seasons (winter, summer, spring, autumn) · Sun, sunrise, sunset, day length Use of everyday materials Animals including Living things and their habitats Year **Plants** humans



names of materials - wood, metal, plastic, glass, brick, rock, paper, cardboard



offspring, reproduction,



As for Year 1 plus light, shade, sun, warm, cool, water, grow, healthy



living, dead, never been alive, suited, suitable, basic needs, food, food chain, shelter, move, feed

	Properties of materials - as for Year 1 plus opaque, transparent and translucent, reflective, non-reflective, flexible, rigid Shape, push/pushing, pull/pulling, twist/twisting, squash/squashing, bend/bending, stretch/stretching		growth, child, young/old stages (examples - chick/hen, baby/child/adult, caterpillar/butterfl y), exercise, heartbeat, breathing, hygiene, germs, disease, food types (examples - meat, fish, vegetables, bread, rice, pasta)		 Names of local habitats e.g. pond, woodland etc. Names of micro-habitats e.g. under logs, in bushes etc. 	
Year 3	rock, stone, pebble, boulder, grain, crystals, layers, hard, soft, texture, absorb water, soil, fossil, marble, chalk, granite, sandstone, slate, soil, peat, sandy/chalk/clay soil	light, light source, dark, absence of light, transparent, translucent, opaque, shiny, matt, surface, shadow, reflect, mirror, sunlight, dangerous	Animals including humans nutrition, nutrients, carbohydrates, sugars, protein, vitamins, minerals, fibre, fat, water, skeleton, bones, muscles, joints, support, protect, move, skull, ribs, spine	photosynthesis, pollen, insect/wind pollination, seed dispersal (wind dispersal, animal dispersal)	force, push, pull, twist, contact force, non-contact force, magnetic force, magnet, strength, bar magnet, ring magnet, button magnet, horseshoe magnet, attract, repel, magnetic material, metal, iron, steel, poles, north pole, south pole	

Living things and their habitats



(DFSC visit)

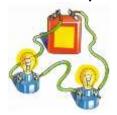
classification, classification keys, environment, habitat, human impact, positive, negative, migrate, hibernate

Animals including humans



digestive system,
digestion, mouth,
teeth, saliva,
oesophagus,
stomach, small
intestine, nutrients,
large intestine,
rectum, anus, teeth,
incisor, canine,
molar, premolars,
herbivore,
carnivore, omnivore,
producer, predator,
prey, food chain

Electricity



electricity. electrical appliance/device, mains, plug, electrical circuit, complete circuit, component, cell, battery, positive, negative, connect/connection s, loose connection, short circuit, crocodile clip, bulb, switch, buzzer, motor, conductor, insulator, metal, non-metal, symbol

States of matter



solid, liquid, gas, state change, melting, freezing, melting point, boiling point, evaporation, temperature, water cycle

Sound



sound, source, vibrate, vibration, travel, pitch (high, low), volume, faint, loud, insulation

Year 5

Earth and Space



earth, Sun, Moon, (Mercury, Jupiter,

Forces



force gravity, Earth, air resistance, water

Animals including humans



puberty - the vocabulary to

Living things and their habitats



life cycle, reproduce, sexual,

Properties & changes of materials



thermal/electrical insulator/conductor,

	Saturn, Venus, Mars, Uranus, Neptune), spherical, solar system, rotates, star, orbit, planets	resistance, friction, mechanisms, simple machines, levers, pulleys, gears	describe sexual characteristics	sperm, fertilises, egg, live young, metamorphosis, asexual, plantlets, runners, bulbs, cuttings		change of state, mixture, dissolve, solution, soluble, insoluble, filter, sieve, reversible/non- reversible change, burning, rusting, new material
Year 6		vertebrates, fish, amphibians, reptiles, birds, mammals, invertebrates, insects, spiders, snails, worms, flowering, nonflowering	heart, pulse, rate, pumps, blood, blood vessels, transported, lungs, oxygen, carbon dioxide, nutrients, water, muscles, cycle, circulatory system, diet, exercise, drugs, lifestyle	offspring, sexual reproduction, vary, characteristics, suited, adapted, environment, inherited, species, fossils	As for Year 3 - Light, plus straight lines, light rays	circuit, complete circuit, circuit diagram, circuit symbol, cell, battery, bulb, buzzer, motor, switch, voltage