

Science

Science Topic	EYFS	KS1	LKS2	UKS2
Working scientifically		Experience, observe, changes, patterns, grouping, sorting, classifying, compare, identify (name), data, measure, record, equipment, questions, test, investigate, explore, magnifying glass / hand lens, same, different	Develop, enquiry, practical, enquiry, fair test, comparative test, relationships, conclusion, accurate, thermometer, data logger, estimate data, diagram, key, (identifying) table chart, bar chart, results, predictions, explanation, reason, similarity, difference, question, evidence, information, findings, criteria, values, properties, characteristics	Variables, evidence, justify, accuracy, precision, scatter graphs, bar graphs, line graphs, argument (science), causal, relationship
Animals including humans		Names of common animals: fish, amphibians, reptiles, birds, Mammals, carnivores, herbivores, omnivores Human body senses: see, hear, feel, smell, taste Habitat, local environment, pet, wild, animal, insect, minibeast, food, eat, head, neck, body, arms, legs, ears, eyes, nose, mouth, tongue, hands, feet, fingers, toes, elbows, knees, hair, teeth, grow, healthy, offspring, adults, young, water, air, survive, exercise, hygiene, egg, chick, chicken, caterpillar, pupa, moth, butterfly, tadpole,	Nutrition, diet, skeleton, muscles, protection, support, movement, bones, skull, shell, digestive system, stomach, small intestine, large intestine, oesophagus, Types of teeth: molar, premolar, incisor, canine saliva	Puberty, gestation period, circulatory system, heart, lungs, blood vessels, blood, lifestyle, disease, water transportation, nutrient transportation, oxygen, air, breathing, exercise, diet, drugs

		frog, frog spawn, lamb, sheep, calf, cow, foal, horse		
Plants		Plants, wild plants, garden plants, evergreen trees, deciduous trees, common flowering plants, flowers, vegetables, leaf/leaves, flower, blossom, petal, stem, trunk, branch, root, seed, bulb, bud, growth, grow, habitat, local environment, leaf fall, water, light, temperature, healthy growth, survive, soil, germinate, stages of growth	Functions, nutrients, nutrition, air, transport (water), life cycle, pollination, seed formation, seed dispersal, reproduce, fertiliser	
Living things and their habitats (including evolution and inheritance)		Pond, garden, field, park, woodland, sea shore, river, ocean, forest, rainforest, stones, rocks, logs, leaf, litter, habitat, micro-habitat, living, dead, not living, alive, healthy, food, food chain, depend, source of food, shelter, grow, growth, healthy	Environment, non-flowering plants, ferns, mosses, flowering plants, grasses, Vertebrate animals: fish, birds, mammals, amphibians, reptiles Invertebrate animals: snails, worms, slugs, spiders, insects Human impact – litter, deforestation, population increase, nature reserves	Life cycles, reproduction, life processes, sexual and asexual reproduction (plants), root cuttings, classification, microorganisms, organisms, evolution, evolve, adaptation, variation, inherit, inheritance
Materials (including rocks and soils)		Everyday materials: wood, paper, plastic, metal, glass, water, rock, brick, stone, fabric material, foil, elastic, dough, rubber, card, cardboard, clay		Rock, soil, fossil, organic matter, grains, crystals, sedimentary rock, metamorphic rock, igneous rock (including

		Object: make/made hard/soft shiny/dull stretchy/stiff rough/smooth bendy/not bendy waterproof/not waterproof transparent/opaque absorbent/not absorbent, squash, twist, bend, stretch		rocks and soils) Properties, hardness, solubility, transparency, electrical conductivity, thermal conductivity, magnetism, dissolve, solution, substance, separating, mixing, filtering, sieving, reversible change, burning, rusting, reactions, irreversible change
States of matter			Solid, liquid, gas, temperature, heat (heating), cool (cooling), water cycle, evaporation, condensation, melting, freezing,	