



Science Technical Vocabulary Map

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS (Through out year)	Science, older, younger, change, baby, toddler, child, teenager, adult, elderly person, people, grow, bigger, smaller, life cycle, body parts, environment, world, planet, pollution, same, similar, different, change, order, compare	Science, change, baking, mixing, drying, think, different, similar Seasons (summer, autumn, winter, spring) Weather (sunny, raining, etc.) Materials (wood, plastic, wool) Properties (hard, delicate, strong)	Science, Physical geography, environment, (beach, cave etc.) Climate (hot, cold, wet) Names of countries Names of animals, habitat Animal features (gills, fur, camouflage) How things work (engine, steam, solar power) Places, explore, world, compare, trees, plants, animals, living things, observe	Science, change, different Recycle, waste, pollution, environment, environmentally friendly, eco-friendly types of materials (glass, plastic, aluminium)sort, different, materials Magnetic, non-magnetic technology Volcano, lava, magma, crust, erupt, ash, dormant	Science, observe, people animals, changes, different, grow,, sunlight, seed, seedling, germinate, shade, soil, nutrients Plant parts (stem, root) Live births, eggs, hatch, hatchling, gestation, chick, chicken, candling, pipping, life cycle Predators, prey (species examples) Trees Animals Living things	Science, places. order, sort, change, habitat marine Float, sink Materials (plastic, wood) Properties (waterproof, bendy, strong, solid) Environment, pollution, recycle Names of local marine life (cuttlefish, anemone etc.)
One	Animals including humans (our body and senses)	Seasonal changes	Plants		Everyday materials	
	Amphibians, birds, fish, mammals, reptiles, carnivores, herbivore, omnivore, sight, hearing, touch, taste, smell, head, neck, ear, mouth, shoulder, hand, fingers, leg, foot, thumb, eye, nose, knee, toes, teeth, elbow	Seasons, spring, summer, autumn, winter, windy, sunny, overcast, snow, rain, temperature	Leaves, trunk, branch, root, seed, bulb, flower, stem, wild, garden, deciduous, evergreen		Hard, soft, stretchy, stiff, shiny, dull, rough, smooth, bendy/not bendy, waterproof/not waterproof, absorbent, opaque,	
Two	Uses of everyday materials		Plants		Living things and their habitats	Animals including Humans

	Chemistry, Waterproof, fabric, rubber, cars, rock, paper, cardboard, wood, metal, plastic, glass, brick, twisting, squashing, bending, matches, cans, spoons,		Biology, Leaves, trunk, branch, root, seed, bulb, flower, stem, wild, garden, deciduous, evergreen, observe, grow, compare, record, temperature, predict, measure, diagram, germinate, warmth, sunlight.		Biology, Living, dead, never alive, habitats, micro-habitats, food, food chain, leaf litter, shelter, sea shore, woodland, ocean, rainforest, conditions, desert, damp, shade,	Biology, Living, dead, never alive, habitats, micro-habitats, food, food chain, leaf litter, shelter, sea shore, woodland, ocean, rainforest, conditions, desert, damp, shade,
Three	Rocks	Light	Plants		Animals including Humans	Forces and magnets
	Chemistry, Sedimentary, Metamorphic. Igneous Plate tectonics Core, crust, mantle, texture, colour, properties, chalk, granite, crystals, grains, sediments, eroding, weathering.	Physics, Light source, dark, reflect, ray, mirror, bounce, visible, beam, sun, glare, travel, straight, opaque, shadow, block, transparent, translucent.	Biology, Air, light, water, nutrients, soil, support, anchor, reproduction, pollination, dispersal, transportation, flower, energy, growth, seedling, carbon dioxide, oxygen, sugar, material, photosynthesis, chlorophyll		Biology, Nutrients, nutrition, carbohydrates, protein, fats, vitamins, minerals, water, fibre, skeleton, bones, joints, endoskeleton, exoskeleton, hydrostatic skeleton, vertebrates, invertebrates, muscles, contract, relax,	Physics, Force, push, pull, friction, surface, magnet, magnetic, magnetic field, pole, north, south, attract, repel, compass
Four	Electricity (linked to magnets)	Sound	States of Matter	Animals including Humans	Living things and their habitats	
	Physics, Electricity, electric current, appliances, mains, crocodile clips, wires, bulb, battery cell, battery holder, motor, buzzer, switch, conductor, electrical insulator, component.	Physics, Amplitude, volume, quiet, loud, ear, pitch, high, low, particles, instruments, wave.	Chemistry, Solid, liquid, gas, particles, state, materials, properties, matter, melt, freeze, water, ice, temperature, process, condensation, evaporation, water vapour, energy, precipitation, collection,	Biology, Environment, flowering, nonflowering, plants, animals, vertebrates, fish, amphibians, reptiles, mammals, invertebrate, human impact, nature reserves, deforestation.	Biology, Herbivore, Carnivore, Digestive system, tongue, mouth, teeth, oesophagus, stomach, gall bladder, small intestine, pancreas, large intestine, liver, tooth, canine, incisor, molar, premolar, producer, consumer.	

Five	Properties and changes of materials		Earth and Space	Living things and their habitats	Forces	Animals including Humans
	Chemistry, Hardness, Solubility, Transparency, Conductivity, Magnetic, Filter, Evaporation, Dissolving, Mixing Material, conductor, dissolve, insoluble, suspension, chemical, physical, irreversible, solution, reversible, separate, mixture, insulator, transparent, flexible, permeable, soluble, property, magnetic, hard.		Physics, Earth, Sun, Moon, Axis, Rotation, Day, Night, Phases of the Moon, star, constellation, waxing, waning, crescent, gibbous. Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, planets, solar system, day, night, rotate, orbit, axis, spherical, geocentric, heliocentric.	Biology, Reproduction, Sexual, Asexual, Pollination, Dispersal, reproduction, cell, fertilisation, pollination, male, female, pregnancy, young, mammal, metamorphosis, amphibian, insect, egg, embryo, bird, plant	Physics, Air resistance, Water resistance, Friction, Gravity, Newton, Gears, Pulleys, force, push, pull, opposing, streamline, brake, mechanism, lever, cog, machine, pulley.	Biology, Foetus, Embryo, Womb, Gestation, Baby, Toddler, Teenager, Elderly, Growth, Development, Puberty, Hormone, Physical, Emotional
Six	Light	Living things and their habitats	Evolution and Inheritance		Electricity	Animals including Humans
	Physics, Light source, dark, reflect, ray, mirror, bounce, visible, beam, sun, glare, travel, straight, opaque, shadow, block, transparent, translucent. Reflect Absorb Emitted Scattered Refraction	Biology, Variation Organisms Populations. Classification Characteristics Environment, flowering, nonflowering, plants, animals, vertebrates, fish, amphibians, reptiles, mammals, invertebrate, human impact, nature	Chemistry, Fossils, Adaptation, Evolution, Characteristics, Reproduction, Genetics, Variation, Inherited, Environmental, Mutation, Competition, Survival of the Fittest, Evidence,		Physics, Electricity, neutrons, protons, electrons, nucleus, atom, electric current, appliances, mains, crocodile clips, wires, bulb, battery cell, battery holder, motor, buzzer, switch, conductor, electrical insulator, conductor.	Biology, Oxygenated, Deoxygenated, Valve, Exercise, Respiration Circulatory system, heart, lungs, blood vessels, blood, artery, vein, pulmonary, alveoli, capillary, digestive, transport, gas exchange, villi, nutrients, water, oxygen, alcohol, drugs, tobacco.

		reserves, deforestation. Classify, compare, bacteria, microorganism, organism, invertebrates, vertebrates, Linnaean.			
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