

The Duke of Bedford Primary School – Science Vocabulary progression

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<p>Materials Paper, plastic, metal, wood. Float, sink, hard, soft.</p> <p>Seasonal changes: Autumn Trees, leaves, weather, rain, changing, conkers, hibernate, nocturnal.</p>	<p>Changing state Ice, water, melt, freeze, mixture, dissolve</p> <p>Earth and space Sun, moon, earth, planet, rocket, astronaut</p>	<p>Animals animals, pets, wild, tame suitable, unsuitable, care, survive, healthy, alive, habitat, farm, parent, offspring, babies, similar, different</p> <p>Seasonal changes: Spring Grow, sprout, buds, blossom, baby animals, trees, leaves</p>	<p>Healthy me Dental hygiene, personal hygiene, clean, dirty, germs, teeth, toothbrush, first aid, plaster, bandage, temperature, body, ill, poorly, unhealthy</p>	<p>Plants plant, grow, flower, water, soil, seed, bulb, fruit, vegetables, carrots, sunflowers, potatoes</p> <p>Seasonal changes: Summer trees, leaves, fruit, crops, weather, hot, sunny.</p>	<p>Knowledge review Waterproof, strong, suitable, unsuitable. Habitat, ocean, sea, land, seaweed, sand, shells Life cycle, egg, baby, adult. whale, mammal, blow hole, blubber, krill, Fins, Fish, gills, scales, tail,</p>
Year 1	<p>Identifying materials Material, wood, plastic, glass, paper, water, metal, rock, stone</p>	<p>Comparing materials hard, soft, stretchy, stiff, shiny, dull, rough, smooth, bendy, waterproof, absorbent</p>	<p>Types of animals fish, reptiles, mammals, birds, amphibians, insects, carnivore, herbivore, omnivore</p>	<p>Parts of animals leg, arm, elbow, head, ear, nose, back, wings, claw, beak, fur, feather, eyes, hair, teeth, skin</p>	<p>Plants deciduous, evergreen, flowers, leaves, fruit, roots, stem, branch, trunk, seeds, bulbs, daffodil, daisy, rose, thistle, tulip, oak, horse chesnut, silver birch, pine, fir.</p>	<p>Seasons Spring, Summer, Autumn, Winter, sun, moon, day, night, light, dark, weather, climate, seasons</p>
Year 2	<p>Using materials hard, soft, stretchy, stiff, shiny, dull, rough, waterproof, bendy, opaque, absorbent, transparent, purpose, suitable, unsuitable</p>	<p>Materials – changing shape squashing, bending, twisting, stretching, elastic, change, hard, soft, shiny, dull, stretchy, stiff, bendy, suitable, unsuitable</p>	<p>Habitats living, dead, energy, habitat, micro-habitat, food, food chain, predator, prey, woodland, desert, pond, ocean, rainforest, conditions, shelter</p>	<p>Living things living, dead, once alive, no longer alive, habitat, energy, food chain, predator, prey, baby, human, animal, offspring, parent</p>	<p>Growing plants seeds, bulbs, water, light, temperature, growth, grow, sun, heat. Conditions, change, monitor</p>	<p>Feeding and exercise exercise, survival, hygiene, water, air, food, healthy, shelter, balanced diet, sleep, energy</p>
Year 3	<p>Forces and magnets magnetic, force, contact, attract, repel, friction, poles, push, pull, open, surface, magnet, North, South</p>	<p>Light and shadows light, shadows, mirror, reflective, dark, reflection, see, surface, natural, artificial, sunlight, blocked, torch, lamp</p>	<p>Rocks and soils rocks, fossils, soils, sandstone, granite, marble, pumice, crystals, absorbent, matter</p>	<p>Parts of a plant root, leaf, flower, stem, anther, filament, petals, sepal, stigma, style, ovary, pollen, branch, trunk</p>	<p>What plants need plant, air, light, water, nutrients, soil, room, needs, fertiliser, nutrition, support, reproduction</p>	<p>Feeding and movement movement, muscles, bones, skill, nutrition, skeletons, support, protect, body, move</p>
Year 4	<p>States of matter solid, liquid, gas, evaporation, condensation, particles, temperature, freezing, heating, solidify, heat, cool, water vapour, changing state, water cycle, thermometer</p>	<p>Grouping living things species, classification key, conditions, questions, mammal, fish, reptile, amphibian, bird,</p>	<p>Electricity appliance, mains, battery, electrical, non-electrical, circuit, bulb, motor, switch, complete loop, conductor</p>	<p>Human nutrition digestive system, teeth, molar, canine, premolar, incisor, plaque, stomach acid, stomach, small intestine, large intestine</p>	<p>Sound sound, vibrate, vibration, ear, pitch, high frequency, low frequency, faster, slower</p>	<p>Dangers to living things change, environment, food chain, flood, fire, drought, volcano, oil spill, deforestation</p>
Year 5	<p>Life cycles life cycle, mammal, amphibian, insect, bird, human, change, process, reproduction, metamorphosis</p>	<p>Materials Properties, hardness, solubility, transparency, conductivity, magnetic, absorbency, thermal insulation, thermal conduction, current</p>	<p>Forces air resistance, water resistance, friction, gravity, Newton, gears, pulleys, effect, force, move, accelerate, decelerate, stop, mechanism</p>	<p>Separating mixtures solids, liquids, gases, separate, filter, sieve, evaporate, dissolve, solution, substance</p>	<p>Earth and Space Earth, Sun, Moon, axis, rotation, day, night, moon phases, star, constellation, solar system, orbit, tilt, planets</p>	<p>Types of change material, solid, liquid, gas, filter, sieve, evaporation, melting, dissolving, mixing, solute, solution, burn, properties, reversible, irreversible, chemical</p>

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Year 6	<p><u>Electricity</u> circuit, symbols, battery, voltage, wires, buzzer, volume, bulb, brightness, motor, power source, direction</p>	<p><u>Light and sight</u> light, light source, Sun, reflect, reflectors, shadow, eye, view, scattered, opaque, transparent, translucent, absence of light</p>	<p><u>Evolution and inheritance</u> evolution, adaption, inherited traits, adaptive traits, natural selection, inheritance, Charles Darwin, Alfred Wallace, DNA, genes, variation, parent, offspring, fossil, environment, habitat, fossilisation, plants, animals</p>	<p><u>Our bodies</u> body systems, circulatory, digestive, skeletal, muscular, diet, exercise, lifestyle, drugs, heart, blood, blood vessels, arteries, veins, capillaries, oxygen, pulse rate</p>	<p><u>Classifying living things</u> classification, vertebrates, invertebrates, micro-organisms, amphibians, reptiles, mammals, insects, species, characteristics, compare, Linnaean, domain, phylum, genus, family, order, class</p>	<p><u>Review and celebration</u> <i>In this unit of work pupils revisit and review the learning that has taken place across Key Stage 2. Teachers should look to vocabulary for relevant units from the KS2 curriculum.</i></p>
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