

## Science Curriculum Key Vocabulary Y1-Y6

<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>
<p><b><u>Animals including humans</u></b> Fish, Reptiles, Mammals, Birds, Amphibians (+ examples of each) Herbivore, Carnivore, Omnivore Head, ear, eye, mouth, nose, leg, knee, arm, elbow, back Wings, beak</p>	<p><b><u>Animals including humans</u></b> Survival, water, air,(oxygen) food, adult, baby, offspring, kitten, calf, puppy, foal Exercise, hygiene</p>	<p><b><u>Animals including humans</u></b> Bones, muscles, skull, ribs, skeleton, support, protection, movement, herbivore, carnivore, omnivore, teeth, canine, incisor, molar</p>	<p><b><u>Animals including humans</u></b> Mouth, tongue, teeth, canine, incisor, molar, oesophagus, stomach, small intestine, large intestine, herbivore, carnivore, omnivore</p>	<p><b><u>Animals including humans</u></b> Foetus, embryo, womb, gestation, baby, toddler, teenager, puberty, adolescent, adult, elderly, development, growth</p>	<p><b><u>Animals including humans</u></b> Heart, Blood ,Circulatory system, blood vessels, veins, arteries, valves, oxygenated, deoxygenated, exercise, pulse, respiration</p>
<p><b><u>Plants</u></b> Evergreen &amp; deciduous trees, branches, trunk, leaves, flowers (blossom) petals, fruit, roots, bulb, seed, stem,</p>	<p><b><u>Plants</u></b> Seeds, bulb, water, light, temperature, growth Revise roots, stem, leaves, petals from Y1</p>	<p><b><u>Plants</u></b> Air, light, water, soil, nutrients, reproduction, seed formation, dispersal, germination, pollination, transportation, species, location (photosynthesis)</p>	<p><b><u>Living things and their habitats</u></b> Fish, Reptiles, Mammals, Birds, Amphibians, snails, slugs, worms, spiders, insects, environment, habitat, vertebrate, invertebrate, exo skeleton, adaptation</p>	<p><b><u>Living things and their habitats</u></b> Reproduction of mammal, bird, insect and amphibian , offspring, complete / incomplete metamorphosis, hatch</p>	<p><b><u>Living things and their habitats</u></b> Classification, mammals, birds, amphibians, fish, reptiles, insects vertebrates, invertebrates, micro- organisms, bacteria, fungi</p>
<p><b><u>Everyday Materials</u></b> Material, wood, plastic, glass, paper, fabric, metal, rock, hard, soft, smooth, shiny, rough, bendy (flexible)</p>	<p><b><u>Living things and their habitats</u></b> Living, dead, habitat, micro- habitat energy, food chain, prey, predator woodland, pond, desert,</p>	<p><b><u>Rocks &amp; soils</u></b> Sandstone, limestone, granite, marble, pumice, slate, crystals, properties, permeable / impermeable, hardness, sedimentary, igneous, metamorphic, fossils, soil, organic matter, humus</p>	<p><b><u>States of matter</u></b> Solid, liquid, gas, temperature, heating, freezing point, boiling point, particles, evaporation, condensation, Thermometer, thermal insulation</p>	<p><b><u>Properties &amp; changes of materials</u></b> Hardness, solubility, mixing, dissolving, melting, Solution, solute, transparency, conductivity, magnetic, filter, filtration, evaporation, condensation, Reacting / reactants</p>	<p><b><u>Evolution &amp; Inheritance</u></b> Fossils, adaptation, evolution, characteristics, reproduction, genetics</p>
<p><b><u>Seasonal changes</u></b> Summer, Spring, Autumn, Winter, Season, Sun, day, Moon, Night, light, dark</p>	<p><b><u>Materials &amp; their uses</u></b> As for Y1 + stiff, shiny, dull, rough, smooth, waterproof, absorbent, transparent, opaque, brick, fabric, foil, squashing, bending, twisting, stretching, elastic</p>	<p><b><u>Light</u></b> Light, dark, shadows, blocking, mirror, reflect, reflective, reflection,</p>	<p><b><u>Sound</u></b> Volume, vibration, sound wave, loud, soft, high pitch, low pitch, tone, speaker, (amplitude, frequency)</p>	<p><b><u>Earth &amp; Space</u></b> Earth, sea, sun, moon, axis, planets, solar system, star, constellation, Phases of the moon, waxing, waning, gibbous moon, full moon</p>	<p><b><u>Light</u></b> Reflection, refraction, lens, light spectrum, colour ,prism, rainbow,</p>

		<u>Forces &amp; Magnets</u> Force, push, pull, contact, magnetic, attract, repel, poles (north / south) Friction, resistance	<u>Electricity</u> Cells ( batteries) wires, switches, circuit, series (parallel, buzzers, bulbs, Mains electricity insulators, conductors	<u>Forces</u> Force, friction, Newton, gravity, newtonmeters, air resistance, water resistance, Gears, pulleys, levers	<u>Electricity</u> Cells, batteries, wires, bulbs, switches, buzzers, circuit, series/ parallel, conductors, insulators, amps, volts
<u>Working scientifically</u> Investigation, enquiry, what to change, what we used, what we did, what we found out		<u>Working scientifically</u> Investigation, enquiry, prediction, variable, dependent variable, independent variable, constant, patterns, equipment, apparatus, method, results, conclusion			