



Vocabulary Progression – Science



EYFS	Key Stage 1	Lower Key Stage 2	Upper Key Stage 2
<u>Working Scientifically Vocabulary</u>			
question, answer,	question, answer, observe, observing, equipment, identify, sort, group, compare, differences, similarities, describe, measurements, test, results	oral and written explanations, conclusion, predictions, criteria, classify, changes, data, contrast, evidence, improve, secondary sources, guides, keys, construct, standard units, record, classify, drawings, labelled diagrams, keys, bar charts, tables	plan, variables, measurements, accuracy, precision, repeat readings, predictions, further comparative and fair test, identify, classify and describe, patterns, systematic, quantitative measurements, scientific diagrams, classification keys, tables, scatter graphs, bar graph and line graphs, conclusions, casual relationships, explanations, degree of trust, support, refute, ideas or arguments, biology, physics, chemistry
<u>Biology Vocabulary</u>			
<u>Key words linked to animals (inc. humans)</u> Human Head, mouth, eyes, ears, nose, hands, fingers, thumbs, toes, feet, arms, elbow, legs, knee tummy/stomach, back, face, hair, Animal, fish, birds	<u>Key words linked to animals (inc. humans):</u> Amphibian, reptile, mammal, fish, bird Omnivore, carnivore, herbivore Food chain, prey, predator, camouflage, protection Living, dead, never alive Exercise, hygiene, (balanced) diet, Survival, air, food, reproduce, adult, baby, offspring, kitten, calf, puppy/pup, chick, foal, piglet	<u>Key words linked to animals (inc. humans):</u> Skeleton, skull, bones, muscles, mouth, tongue, teeth, oesophagus, small intestine, large intestine movement, support, protection, nutrition, nutrients, absorb molar, canine, incisor Producer, consumer, apex predator Vertebrates, invertebrates Environment, habitats Classification key	<u>Key words linked to animals (inc. humans):</u> Womb, foetus, embryo, gestation, development stages (baby, toddler, teenager, adult, elderly), growth, development, puberty Function, circulatory system, heart, valve, blood (white blood cells, red blood cells), plasma, blood vessel, vein, artery, transport, oxygenated, deoxygenated, lifestyle, drug (inc. alcohol) Life process, reproduction, off-spring,

<p>Key animal names linked to areas covered in class & relevant body parts (e.g. sharks, fins) Ocean/sea, forest, woods, desert,</p> <p><u>Key words linked to plants:</u> Flower, tree, trunk, branch, bulb, stem, seed, petals, leaves, water, sun, fruit, vegetable, roots(?)</p>	<p><u>Key words linked to plants:</u> Deciduous, evergreen Blossom, bulb, roots, trunk, branches Growth, germinate, light, temperature, lifecycle (reproduce also linked to plants and animals)</p> <p><u>Key words linked to habitats:</u> Habitats, micro-habitats, shelter Food, food chain Seashore, ocean, woodland, rainforest, desert Conditions Hot, cold, warm, dry, damp, wet Bright, light, dark, shade(y)</p>	<p><u>Key words linked to plants:</u> Transportation, nutrients, soil, reproduction, seed formation, seed dispersal, pollination</p> <p><u>Key words linked to habitats:</u> Vertebrates, invertebrates Environment, habitat, classification key</p>	<p>Characteristic, classification, organism, micro-organism Adaption, evolution, inheritance, characteristic, reproduction, genetics, survival</p> <p><u>Key words linked to habitats:</u> Life process, off-spring, reproduction Characteristic, classification Organism, micro-organism</p> <p><u>Key words linked to evolution and inheritance</u> Adaption, evolution Characteristic Reproduction, survival Genetics</p>
<u>Chemistry Vocabulary</u>			
<p><u>Key words linked to materials</u> Material, metal, wood, rock, plastic, hard, glass, soft, paper, fabric, material, smooth, shiny, rough</p> <p><u>Key words linked to sound, light and electricity:</u> Loud, quiet, volume, sound</p>	<p><u>Key words linked to materials</u> Wood, plastic, glass, paper, metal, rock, brick, fabric, elastic, foil, Hard, soft, rough, smooth, shiny, dull, bendy, stiff Property Waterproof, absorbent opaque, transparent, translucent</p>	<p><u>Key words linked to rocks</u> Soils, organic matter Fossils, crystal Sandstone, granite, pumice, marble Absorbent Crumble Sedimentary, layer, sediment, igneous, magma, lava, gas bubbles, metamorphic, change, squeeze, pressure</p> <p><u>Key words linked to states of matter:</u> Solid, liquid, gas Evaporation, condensation, temperature, freezing, heating</p>	<p><u>Key words linked to properties and changes of materials:</u> Hardness Transparency, thermal conductivity, electrical conductivity, solubility, solution, dissolve Filter, sieve Reversible, irreversible</p>

		Particle	
Physics Vocabulary			
<u>Key words linked to seasonal changes:</u> Summer, day, Spring, dark, Autumn, light, Winter, night, Season, Moon, Sun <u>Key words linked to forces, Earth and space:</u> Earth, Moon, Planet, space, Sun, star	<u>Key words linked to seasonal changes:</u> Season, spring, summer, autumn, winter Month, year, day, Night, sun, moon, light, dark	<u>Key words linked to light:</u> Light, dark See Reflect, surface Star, sun, moon, sunlight Shadow, blocked Solid Natural, artificial Torch, candle, lamp Dangerous Eye-protection Light sources, shine Source <u>Key words linked to circuits</u> Electricity, electrical circuit, cell, Appliance Wire, bulb, buzzer, switch Open, closed Danger, electrical safety Insulators, wood, rubber, plastic, metal, water Conductors <u>Key words linked to forces and magnets:</u> Force Contact, surface, magnetic, attract, repel Poles	<u>Key words linked to space:</u> Earth, Sun, Moon, planets, sun, star, solar system, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, dwarf planet Movement, rotate, orbit, axis Celestial body, Spherical, sphere, Day, night, light, heat, eclipse, satellite, universe, solar Astronomer Shadow clock, sundial <u>Key words linked to light:</u> Reflection, refraction, spectrum, rainbow <u>Key words linked to forces:</u> Air resistance, water resistance Friction, gravity Lever, gear, pulley Newtons <u>Key words linked to electricity:</u> Circuits, series, parallel Voltage, volts, amp <u>Key words linked to sound:</u> Vibration, pitch, sound, wave, volume, tone Insulation