



Science Curriculum  
Key Vocabulary  
Progression Chart

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p><u>Working Scientifically</u> question, answer, observe, observing, equipment, identify, sort, group, compare, differences, similarities, describe, measurements, test, results, secondary sources <b>record</b> – diagram, chart</p>		<p><u>Working Scientifically</u> oral and written explanations, conclusion, predictions, criteria, classify, changes, data, contrast, evidence, improve, secondary sources, guides, keys, construct, interpret <b>research</b> – relevant question <b>equipment</b> – thermometer, <b>data</b> – gather, standard units, record, classify, present <b>record</b> – drawings, labelled diagrams, keys, bar charts, tables</p>		<p><u>Working Scientifically</u> plan, variables, measurements, accuracy, precision, repeat readings, predictions, further comparative and fair test, identify, classify and describe, patterns, systematic, quantitative measurements <b>report data</b> – scientific diagrams, labels, classification keys, tables, scatter graphs, bar graph and line graphs <b>report and present</b> – conclusions, casual relationships, explanations, degree of trust, oral and written display and presentation <b>evidence</b> – support, refute, ideas or arguments biology, physics, chemistry</p>	
<p><u>Animals including humans</u> amphibians, fish, reptiles, mammals, birds (+ 1 example of each) herbivore, omnivore, carnivore head, nose, ear, neck, shoulder, arm, elbow, wrist, hand, back, chest, hip, leg, knee, ankle, foot wing, beak, tail, fin sight, smell, touch, taste, hearing</p>	<p><u>Animals including humans</u> survival, water, air, food reproduce, adult, baby, offspring, kitten, calf, puppy food chain, prey, predator, camouflage, protection exercise, hygiene, balanced diet</p>	<p><u>Animals including humans</u> skeleton, skull, bones, muscles, movement, support, protection, nutrition</p>	<p><u>Animals including humans</u> mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, nutrients, absorb, canine, incisor, molar producer, consumer, apex predator</p>	<p><u>Animals including humans</u> womb, foetus, embryo, gestation, baby, toddler, teenager, elderly growth, development, puberty</p>	<p><u>Animals including humans</u> function, circulatory system, heart, valve, blood vessel, vein, artery transport, oxygenated, deoxygenated lifestyle, drug</p>

<p><u>Plants</u> deciduous, evergreen, tree, leaf, flower (blossom), petals, fruit, bulb, seed, roots, stem, trunk, branches</p>	<p><u>Plants</u> growth, germinate, light, temperature reproduce, lifecycle</p>	<p><u>Plants</u> air, water, transportation, nutrients, soil, reproduction, seed formation, seed dispersal, pollination</p>	<p><u>Living things &amp; their habitats</u> vertebrates, invertebrates (+ 1 example of each) environment, habitat, classification key</p>	<p><u>Living things &amp; their habitats</u> life process, reproduction, offspring,</p>	<p><u>Living things &amp; their habitats</u> characteristic, classification, organism, micro-organism</p>
<p><u>Everyday materials</u> wood, plastic, glass, paper, metal, rock hard, soft, rough, smooth, shiny, dull, bendy, stiff</p>	<p><u>Everyday materials and their uses</u> brick, fabric, elastic, foil property, solid, waterproof, absorbent, opaque, transparent, squash, bend, flexible, twist, stretch push, pull, roll, slide, bounce</p>	<p><u>Rocks</u> soils, organic matter, fossil, crystal sandstone, granite, marble, pumice absorbent, crumble sedimentary, layer, sediment igneous, magma, lava, gas bubbles (tiny holes/spaces) metamorphic, change, squeeze, pressure</p>	<p><u>States of matter</u> solid, liquid, gas, evaporation, condensation, particle, temperature, freezing, heating</p>	<p><u>Properties and changes to materials</u> hardness, transparency, conductivity (electrical, thermal) solubility, solution dissolve, filter, evaporate, sieve, reversible, irreversible</p>	<p><u>Evolution &amp; Inheritance</u> adaptation, evolution, characteristic, reproduction, genetics, survival</p>
<p><u>Seasonal change</u> season, spring, summer, autumn, winter, month, year, day, night, sun, moon, light, dark</p>	<p><u>Living things &amp; their habitats</u> living, dead, habitat, microhabitat, woodland, meadow, hedgerow, pond</p>	<p><u>Light</u> light source, mirror, reflect, reflective, reflection shadow, blocked transparent, translucent, opaque</p>	<p><u>Sound</u> vibration, wave, volume, pitch, tone, insulation</p>	<p><u>Earth &amp; Space</u> Earth, sun, moon, solar system, axis of rotation, day, night, phases of the moon, star, constellation</p>	<p><u>Light</u> refraction, reflection, spectrum, rainbow</p>
		<p><u>Forces &amp; Magnets</u> force, contact, surface, magnetic, attract, repel, poles</p>	<p><u>Electricity</u> appliance, battery power, main power, circuit, series, cell, battery, wire, bulb, switch, break in circuit conductor, insulator</p>	<p><u>Forces</u> air resistance, water resistance, friction, gravity lever, gear, pulley, Newtons</p>	<p><u>Electricity</u> circuit - series, parallel voltage, volts, amps</p>

