



- BIOLOGY
- CHEMISTRY
- PHYSICS

# Bedford Hall Methodist Primary School



## Science Vocabulary Progression Chart

EYFS	Milestone 1		Milestone 2		Milestone 3	
	Y1	Y2	Y3	Y4	Y5	Y6
	<p><b>WORKING SCIENTIFICALLY</b> question, answer, observe, observing, equipment, identify, sort, group, compare, differences, similarities, describe, measurements, test, results, secondary sources</p> <p>record - diagram, chart</p>		<p><b>WORKING SCIENTIFICALLY</b> oral and written explanations, conclusion, predictions, criteria, classify, changes, data, contrast, evidence, improve, secondary sources, guides, keys, construct, interpret research - relevant question</p> <p>equipment - thermometer, data - gather, standard units, record, classify, present</p> <p>record - drawings, labelled diagrams, keys, bar charts, tables</p>		<p><b>WORKING SCIENTIFICALLY</b> plan, variables, measurements, accuracy, precision, repeat readings, predictions, further comparative and fair test, identify, classify and describe, patterns, systematic, quantitative, measurements, report, data - scientific diagrams, labels, classification keys, tables, scatter graphs, bar graph and line graphs</p> <p>report and present - conclusions, casual relationships, explanations, degree of trust, oral and written display and presentation</p> <p>evidence - support, refute, ideas or arguments</p>	
<p><b>Animals including Humans</b> human, animal, fish, birds, head, ears, eyes, mouth, nose, face, hair, leg, knee, arm, elbow, back, toes, hands, feet, fingers</p>	<p><b>Animals including Humans</b> 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><b>Animals including Humans</b> survival, water, air, food reproduce, adult, baby, offspring, kitten, calf, puppy food chain, prey, predator, camouflage, protection exercise, hygiene, balanced diet</p>	<p><b>Animals including Humans</b> skeleton, skull, bones, muscles, movement, support, protection, nutrition</p>	<p><b>Animals including Humans</b> mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, nutrients, absorb, canine, incisor, molar producer, consumer, apex predator</p>	<p><b>Animals including Humans</b> womb, foetus, embryo, gestation, baby, toddler, teenager, elderly growth, development, puberty</p>	<p><b>Animals including Humans</b> function, circulatory system, heart, valve, blood vessel, vein, artery transport, oxygenated, deoxygenated lifestyle, drugs, medicine</p>

<p><b>Plants</b> Tree, leaf, flower, stem, seed, Living, dead, never alive, habitats, food chain, shelter, seashore, woodland</p>	<p><b>Plants</b> deciduous, evergreen, tree, leaf, flower (blossom), petals, fruit, bulb, seed, roots, stem, trunk, branches</p>	<p><b>Plants</b> growth, germinate, light, temperature reproduce, lifecycle</p>	<p><b>Plants</b> air, water, transportation, nutrients, soil, reproduction, seed formation, seed dispersal, pollination</p>	<p><b>Living Things and their Habitats</b> vertebrates, invertebrates (+ 1 example of each) environment, habitat, classification key</p>	<p><b>Living Things and their Habitats</b> life process, reproduction, offspring, life cycle</p>	<p><b>Living Things and their Habitats</b> characteristic, classification, organism, micro- organism</p>
<p><b>Materials</b> material, wood, glass, paper, hard, soft</p>	<p><b>Everyday Materials</b> wood, plastic, glass, paper, metal, rock, hard, soft, rough, smooth, shiny, dull, bendy, stiff</p>	<p><b>Everyday Materials</b> Brick, fabric, elastic, foil, property, solid, waterproof, absorbent, opaque, transparent, squash, bend, flexible, twist, stretch push, pull,</p>	<p><b>Rocks</b> 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><b>States of Matter</b> solid, liquid, gas, evaporation, condensation, particle, temperature, freezing, heating</p>	<p><b>Properties and Changes to Materials</b> hardness, transparency, conductivity (electrical, thermal) solubility, solution dissolve, filter, evaporate, sieve, reversible, irreversible</p>	<p><b>Evolution and Inheritance</b> adaptation, evolution, characteristic, reproduction, genetics, survival</p>
<p><b>Seasonal Change</b> Summer, Autumn, Winter, Spring, season, Sun, day, night, light, dark, moon</p>	<p><b>Seasonal Change</b> season, spring, summer, autumn, winter, month, year, day, night, sun, moon, light, dark</p>	<p><b>Living things &amp; their habitats</b> living, dead, habitat, microhabitat, woodland, meadow, hedgerow, pond</p>	<p><b>Light</b> light source, mirror, reflect, reflective, reflection shadow, blocked transparent, translucent, opaque</p>	<p><b>Sound</b> vibration, wave, volume, pitch, tone, insulation</p>	<p><b>Earth &amp; Space</b> Earth, sun, moon, solar system, axis of rotation, day, night, phases of the moon, star, constellation</p>	<p><b>Light refraction</b> reflection, spectrum, rainbow</p>
<p><b>Forces, Earth and Space</b> Earth, Moon, Sun, star, planet, space</p>			<p><b>Forces &amp; magnets</b> force, contact, surface, magnetic, attract, repel, poles</p>	<p><b>Electricity</b> appliance, battery power, main power, circuit, series, cell, battery, wire, bulb, switch, break in circuit conductor, insulator</p>	<p><b>Forces</b> air resistance, water resistance, friction, gravity lever, gear, pulley, Newtons</p>	<p><b>Electricity</b> circuit - series, parallel voltage, volts, amps</p>
<p><b>Sound, Light and Electricity</b> loud, quiet, sound, volume</p>						