

## Churchfield CE Primary Academy: Vocabulary Progression – Science

Year 1	Year 2	Year 3
<p>observe, changes, patterns, grouping, sorting, compare, same, different, identify, measure, data, record results, drawing, picture, table, tally chart, test, investigate, explore, equipment, resources, magnifying glass, hand lens, ruler, tape measure, metre stick, pipette, syringe, spoon, teaspoon, , pattern seeking</p> <p>leaf, flower, blossom, petal, fruit, berry, root, seed, trunk, branch, stem, bark, stalk, bud</p> <p>head, body, eyes, ears, mouth, teeth, leg, tail, wing, claw, fin, scales, feathers, fur, beak, paws, hooves, senses, touch, see, smell, taste, hear, fingers, skin, nose, ears, tongue</p> <p>weather, sunny, rainy, raining, shower, windy, snowy, cloudy, hot, warm, cold, storm, thunder, lightning, hail, sleet, snow, icy, frost, puddles, rainbow, seasons, winter, summer, spring, autumn, Sun, sunrise, sunset</p> <p>object, material, wood, plastic, glass, metal, water, rock, brick, paper, fabric, elastic, foil, card/cardboard, rubber, wool, clay, hard, soft, stretchy, stiff, bendy, floppy, waterproof, absorbent, breaks/tears, rough, smooth, shiny, dull, see-through, not see-through</p>	<p>light, shade, bulb, germinate, shoot, seedling</p> <p>living, dead, never been alive, suited, suitable, basic needs, food chain, shelter, air, survive, survival, pond, woodland, conditions, damp, dry</p> <p>offspring, reproduction, growth, baby, toddler, child, teenager, adult, old person, names of animals and their babies (e.g. chick/chicken, kitten/cat, caterpillar/butterfly), exercise, heartbeat, breathing, hygiene, germs, disease</p> <p>opaque, transparent, translucent, reflective, non-reflective, flexible, rigid, shape, force, push/pushing, pull/pulling, twist/twisting, squash/squashing, bend/bending, stretch/stretching</p>	<p>interpret results, scientific enquiry comparative testing, observing over time, classifying, researching using secondary sources</p> <p>practical work, fair testing, relationships, accurate, thermometer, data logger, stopwatch, timer, estimate, data, diagram, identification key, chart, bar chart, prediction, evidence, information, findings, criteria, values, properties, characteristics, conclusion, explanation, reason, evaluate, improve</p> <p>photosynthesis, pollen, pollination, male, female, seed formation, seed dispersal, nutrients, minerals, soil, transport</p> <p>nutrition, nutrients, carbohydrates, sugars, protein, vitamins, minerals, fibre, fat, skeleton, muscles, joints, support, protect, skull, ribs, spine</p> <p>rock, stone, pebble, boulder, grain, crystals, layers, texture, fossil, flesh, marble, chalk, granite, sandstone, slate,</p> <p>light source, surface, shadow</p> <p>contact force, non-contact force, magnetic, magnet, attract, repel, iron, steel, poles, north pole, south pole</p>

Year 4	Year 5	Year 6
<p>classification, habitat, migrate, hibernate</p> <p>digestive system, digestion, saliva, oesophagus, stomach, small intestine, large intestine, rectum, anus, incisor, canine, molar, premolar, herbivore, carnivore, omnivore, producer, predator, prey</p> <p>solid, liquid, gas, heating, cooling, state, melt, freezing, melting point, boil, boiling point, evaporation, condensation, temperature, water cycle</p> <p>vibrate, vibration, pitch, volume, insulation</p> <p>electricity, appliance/device, mains, plug, circuit, component, cell, battery, connect/connections, , short circuit, bulb, switch, buzzer, motor, conductor, insulator</p>	<p>variables, independent variable, dependent variable, control variable, evidence, justify, argument, causal relationship, accuracy, precision</p> <p>Life cycle, sexual, sperm, fertilises, metamorphosis, asexual, plantlets</p> <p>Thermal, insulator, conductor, mixture, dissolve, solution, soluble, insoluble, filter, reversible/non-reversible, burning, rusting</p> <p>gravity, resistance, friction, mechanisms, levers, pulleys, gears</p> <p>Moon, Mercury, Jupiter, Saturn, Venus, Mars, Uranus, Neptune, spherical, Solar System, rotate, orbit</p>	<p>vertebrates, amphibians, reptiles, birds, mammals, warm-blooded, cold-blooded, invertebrates, flowering, non-flowering</p> <p>pulse, rate, blood vessels, lungs, oxygen, carbon dioxide, circulatory system</p> <p>sexual reproduction, vary, adapted, inherited, species, evolve, evolution</p> <p>voltage</p>