



## Gaskell Community Primary School Science Vocabulary Progression



| YEAR GROUP  | Term/Topic  |  |   |   |  |  |
|-------------|---|--|---|---|--|--|
|             | Autumn 1  | Autumn 2   | Spring 1  | Spring 2  | Summer 1   | Summer 2   |
| <b>EYFS</b> | Senses, natural, materials, explore, properties, forces, plants, seeds, plants, animals, living   |  |   |   |  |  |
| <b>1</b>    | <p><b><u>Materials</u></b><br/>Object, material wood, plastic, glass, metal, water, rock hard/soft; stretchy/stiff; shiny/dull; rough/smooth; bendy/not bendy; waterproof/not waterproof; absorbent/not absorbent; opaque/transparent</p> | <p><b><u>Seasonal Changes</u></b><br/>Spring, Summer, Autumn, Winter, season, temperature, deciduous, evergreen, rain, sun, cloud, snow, daylight, compare, fog, thermometer</p> | <p><b><u>Animals Including humans</u></b><br/>head, neck, arms, elbows, legs, knees, face, ears, eyes, hair, mouth, teeth, sight, sound, touch, smell</p>   | <p><b><u>Animals Including humans</u></b><br/>head, neck, arms, elbows, legs, knees, face, ears, eyes, hair, mouth, teeth, sight, sound, touch, smell</p>                                   | <p><b><u>Plants</u></b><br/>Wild, garden, deciduous, evergreen, habitat, leaves, flowers(blossom), petals, fruit, roots, bulb, seed, trunk, branches, stem, soil, root, light, bark.</p> | <p><b><u>Working Scientifically</u></b><br/>Question, answer, observe, equipment, identify, sort, group, compare, difference, similarities</p> |
| <b>2</b>    | <p><b><u>Materials</u></b><br/>Property, solid, waterproof, absorbent, opaque, transparent, squash, bend, flexible, twist, stretch, push, pull, roll, slide, bounce, fabric</p>   | <p><b><u>Materials</u></b><br/>Property, solid, waterproof, absorbent, opaque, transparent, squash, bend, flexible, twist, stretch, push, pull, roll, slide, bounce, fabric</p>  | <p><b><u>Animals including humans</u></b><br/>Survival, water, air, food, reproduce, adult, baby, offspring, kitten, calf, puppy, food chain, prey, predator, camouflage, protection, exercise, balanced diet</p> | <p><b><u>Living things and their habitats</u></b><br/>Living, dead, habitat, animal, plant, microhabitat, food chain, environment, food, shelter, seashore, woodland, ocean, rainforest</p> | <p><b><u>Plants</u></b><br/>Seeds, bulbs, light, temperature, deciduous, evergreen healthy, germination, growth, reproduction, survival</p>  | <p><b><u>Working Scientifically</u></b><br/>Question, answer, observe, equipment, identify, sort, group, compare, difference, similarities</p> |

|                 |   |  |  |   |  |  |
|-----------------|---|--|--|---|--|--|
| <p><b>3</b></p> | <p><b><u>Plants</u></b><br/>Air, water, transportation, nutrients, soil, reproduction, dispersal, pollination</p>               | <p><b><u>Animals including humans</u></b><br/>Skeleton, skull, bone, muscles, movement, support, protection, nutrition</p>   | <p><b><u>Rocks</u></b><br/>Sandstone, granite, marble, pumice, absorbent, sedimentary, layer, igneous, magma, lava, gas bubbles, metamorphic, fossil</p> | <p><b><u>Light</u></b><br/>Light Source, mirror, reflect, shadow, blocked, transparent, translucent, opaque</p>   | <p><b><u>Forces and Magnets</u></b><br/>Force, contact, surface, magnetic, attract, repel, poles</p>   | <p><b><u>Working Scientifically</u></b><br/>Explanation, conclusion, prediction, classify, evidence, interpret, research, record</p>           |
| <p><b>4</b></p> | <p><b><u>Living things and their environment</u></b><br/>Vertebrate, invertebrate, environment, habitat, classification key</p> | <p><b><u>Animals including Humans</u></b><br/>Mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, nutrients, absorb, canine, incisor, molar, producer, consumer, predator</p> | <p><b><u>Electricity</u></b><br/>Appliance, battery power, main power, circuit, series, battery, wire, bulb, switch, conductor, insulator</p>            | <p><b><u>States of matter</u></b><br/>Solid, liquid, gas, evaporation, condensation, particle, temperature, freezing, heating</p>                             | <p><b><u>Sound</u></b><br/>Vibration, wave, volume, pitch, tone, insulation</p>  | <p><b><u>Working Scientifically</u></b><br/>Explanation, conclusion, prediction, classify, evidence, interpret, research, record</p>           |
| <p><b>5</b></p> | <p><b><u>Living Things and their Environment</u></b><br/>Life cycles, reproduction, offspring</p>                               | <p><b><u>Forces</u></b><br/>Air resistance, water resistance, friction, gravity, lever, gear, pulley, Newtons</p>  | <p><b><u>Space</u></b><br/>Earth, Sun, Moon, Solar System, axis of rotation, day, night, phases of the moon, star, constellation</p>                     | <p><b><u>Materials</u></b><br/>Hardness, transparency, conductivity, solubility, solution, dissolve, filter, evaporation, sieve, reversible, irreversible</p> | <p><b><u>Animals Including Humans</u></b><br/>Womb, foetus, embryo, gestation, baby, toddler, teenager, elderly growth, development, puberty</p> | <p><b><u>Working Scientifically</u></b><br/>Plan, variable, measure, accuracy, precision, fair test, identify, classify, conclude, analyse</p> |

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**Living things and their Environment**

Characteristics, classification, organism, microorganism, Taxonomist, flora, fauna, species, genus

**Light**

Refraction, reflection, spectrum, rainbow, shadow, light source, spectrum, infra red, prism

**Electricity**

Circuit (simple/series), voltage, amps component, cell, electron, switch, motor, fuse, filament, renewable, solar

**Animals Including Humans**

Function, circulatory system, heart, valve, blood vessel, vein, artery, oxygenated, deoxygenated, drug

**Evolution and inheritance**

Adaptation, evolution, characteristics, reproduction, genetics, survival

**Working Scientifically**

Plan, variable, measure, accuracy, precision, fair test, identify, classify, conclude, analyse