



Gaskell Community Primary School Science Vocabulary Progression



YEAR GROUP	Term/Topic					
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer	Working Scientifically
EYFS	<p>Senses (see, feel, hear, taste, smell) Body parts Plant(s), grow, flower, tree Animal names Life cycle</p>					
1	<p><u>Animals, including humans (Seasonal change)</u></p> <p>Autumn, weather, sunny, rainy, raining, shower, windy, winter, snowy, cold, icy, frost</p> <p>Amphibians, birds, fish, mammals, reptiles, carnivore, herbivore, omnivore, sight, hearing, touch, taste, smell</p>		<p><u>Plants (Seasonal Change)</u></p> <p>Spring, rainbow, warm</p> <p>Leaf, flower, blossom, petal, fruit, root, seed, trunk, branch, stem, bark, stalk</p>		<p><u>Everyday materials Seasonal Change)</u></p> <p>Summer, hot, Sun, sunrise, sunset, day length</p> <p>Hard, soft, Stretchy, stiff Bendy, floppy, waterproof, absorbent, breaks, tears Rough, smooth Shiny, dull, see through, not see through</p>	<p><u>Working Scientifically</u></p> <p>Question, answer, observe, equipment, identify, sort, group, compare, difference, similarities</p>
2	<p><u>Everyday Materials</u></p> <p>Material, transparent, rigid, flexible, opaque, translucent, shiny, squash, bend, twist, stretch, waterproof</p>	<p><u>Animals, including humans</u></p> <p>Adult, develop, life cycle, off spring, young, reproduction, diet, exercise, germs, hygiene, nutrition, disease</p>	<p><u>Plants</u></p> <p>Seed, bulb, germination, shoot, water, grow, light, habitat, climate, wet, dry, hot, cold</p>		<p><u>Living things and their habitats</u></p> <p>Living, dead, habitat, environment, microhabitat, damp, dependency,</p>	<p><u>Working Scientifically</u></p> <p>Question, answer, observe, equipment, identify, sort, group, compare, difference, similarities</p>

					survive, food chain, herbivores, carnivores, omnivore	
3	<u>Rocks</u> Rock, texture, density, permeability, durable, igneous, sedimentary, metamorphic, fossil, fossilisation, cementation	<u>Animals including humans</u>	<u>Plants</u> Roots, stem, leaves, flower, air, light, nutrients, temperature, transportation, pollination, seed formation, seed dispersal	<u>Light</u> Light, dark light source transparent translucent opaque, shadow reflect mirror UV light Retina	<u>Forces and Magnets</u> Push, Pull, friction, contact force, non-contact force, magnetic, magnet, bar magnet, attract, repel, north pole, south pole	<u>Working Scientifically</u> Explanation, conclusion, prediction, classify, evidence, interpret, research, record
4	<u>States of matter</u> Solid, liquid, gas, heating, cooling, melting, freezing thermometer, evaporation, condensation, precipitation, Water cycle	<u>Animals including Humans</u> Digestive system, digest, stomach, small intestine, large intestine, rectum, herbivore, carnivore, omnivore, producer, predator, prey	<u>Electricity</u> Circuit, conductor, series circuit, complete circuit, incomplete circuit, insulator, variable, cell, bulb, battery, switch, component	<u>Sound</u> Sound, Sound source, vibration, Ear, pitch (high, low), volume, Vibration energy, loud, quiet, particles	<u>Living things and their environment</u> Characteristics, classify, classification, habitat, environment, vertebrates, climate change, deforestation, pollution, urbanisation, recycle	<u>Working Scientifically</u> Explanation, conclusion, prediction, classify, evidence, interpret, research, record
5	<u>Materials</u> Hardness, solubility, solution, conductivity, magnetism, dissolve, soluble, insoluble, mixture, filtration,	<u>Animals Including Humans</u> Puberty, sexual reproduction menstruation (period), sperm, egg, foetus gestation	<u>Forces</u> Force, gravity, contact force, non-contact force, friction, air resistance, water resistance, opposing force, viscous,	<u>Space</u> Earth, moon, sun, spherical, gravity, solar system, orbit, planets, heliocentric, geocentric, day, night	<u>Living Things and their Environment</u> life cycle, reproduce, sexual, fertilises, asexual, pollination, fertilisation,	<u>Working Scientifically</u> Plan, variable, measure, accuracy, precision, fair test, identify, classify, conclude, analyse

	evaporate, reversible change, irreversible change.	life expectancy adolescence hormones	mechanism, lever, pulley		metamorphosis, Embryo, adolescent, offspring	
6	<u>Light</u> Light source, reflect, opaque, translucent, transparent, reflection angle, incidence angle, retina, lens, refract, shadow	<u>Animals Including Humans</u> Circulatory system, Heart, pulse, blood, blood vessels, lungs, muscles, oxygen, carbon dioxide, diet, drugs, absorption	<u>Electricity</u> Circuit, component, complete circuit, circuit diagram, circuit symbol, cell, battery, bulb, buzzer, motor, switch, voltage	<u>Living things and their Environment</u> Taxonomy, classify/classificati on, fauna, flora, vertebrate, invertebrate, microorganism, virus, bacteria, fungus, mould, variable.	<u>Evolution and inheritance</u> offspring, sexual reproduction, variation, characteristics, adapted, environment, inherited, species, fossils, evolution, gene, offspring	<u>Working Scientifically</u> Plan, variable, measure, accuracy, precision, fair test, identify, classify, conclude, analyse