SCIENCE PROGRESSION OF VOCABULARY DOCUMENT

SKILL AREA	YR	Y1	Y2	Y3	Y4	Y5	Y6
Working Scientifically – Vocabulary -WS	Question, answer, observe, observing, equipment, sort, group, record, map, compare, describe.	Ask questions and discuss simple answers. Talk about what they have found out and how they found it out. Use simple scientific language when recording findings	Ask questions and discuss simple answers. Talk about what they have found out and how they found it out. Use simple scientific language when recording findings.	Ask relevant questions and report on findings from enquiries – including oral explanations. Draw conclusions, make predictions and suggest improvements. Use straightforward scientific evidence to answer questions and support their findings.	Ask relevant questions and report on findings from enquiries – including oral explanations. Draw conclusions, make predictions and suggest improvements. Use straightforward scientific evidence to answer questions and support their findings.	Talk about ideas, asking questions about scientific phenomena. Report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in oral forms such as presentations. They should use relevant scientific language and illustrations to discuss, communicate and justify their scientific ideas and should talk about how scientific ideas have developed over time.	Talk about ideas, asking questions about scientific phenomena. Report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in oral forms such as presentations. They should use relevant scientific language and illustrations to discuss, communicate and justify their scientific ideas and should talk about how scientific ideas have developed over time.
Animals Including Humans Vocabulary - AH	Fish, reptiles, insects, amphibian, dinosaur, carnivore, omnivore, herbivore, tadpole. Frogspawn, chrysalis pupa, egg	Fish, reptile, mammals, birds, amphibians (+ examples of each) herbivore, omnivore, carnivore, leg, elbow, arm, head, ear, nose, back, wings, beak	Survival, water, air, food, adult, baby, offspring, kitten, calf, puppy, exercise	Movement, muscles, bones, skull, nutrition, skeleton	Mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, herbivore, carnivore, canine, incisor, molar	Foetus, embryo, womb, gestation, baby, toddler, teenager, elderly, growth, development, puberty	Circulatory, heart, blood, vessels, veins, arteries, oxygenated, deoxygenated, valve, exercise, respiration
Living Things and their Habitats (Evolution) Vocabulary - LHTE	Soil, nest, underground, burrow, tunnel, woodland, grassland, desert, pond, river, sea, Antarctic, Antarctica, hibernate, prey	**Soil, nest, underground, burrow, tunnel, woodland, grassland, desert, pond, river, sea, Antarctic, Antarctica, hibernate, prey**	Living, dead, habitat, energy, food chain, predator, prey, woodland, pond, desert	→	Vertebrates, fish, amphibians, reptiles, birds, mammals, invertebrates, snails, slugs, worms, spiders, insects, environment, habitats	Mammal, reproduction, insect, amphibian, bird, offspring	**Classification:** Classification, vertebrates, invertebrates, micro-organisms, amphibians, reptiles, mammals, insects **Evolution and Inheritance:** Fossils, adaptation, characteristics, reproduction, genetics
Materials and States of Matter and Rocks Vocabulary - MSMR	**Changes** Scales, measure, measuring jug, pour, sieve, stir, powdery, greasy, spongey, temperature, knead, prove, rise **Modelling** Wood, plastic, glass, metal, paper, fabric, material, water, hard, soft, stretchy, stiff, shiny, dull, rough, smooth, bendy, not bendy, waterproof, not waterproof, absorbent, non-absorbent, transparent, opaque, melting, freezing	Wood, plastic, glass, paper, water, metal, rock, hard, soft, bendy, rough, smooth	Hard, soft, stretchy, stiff, shiny, dull, rough, smooth, bendy, waterproof, absorbent, opaque, transparent, brick, paper, fabrics, squashing, bending, twisting, stretching, elastic, foil.	Fossil, soil, sandstone, granite, marble, pumice, crystals, absorbent	Solid, liquid, gas, evaporation, condensation, particles, temperature, freezing, heating	Hardness, solubility, transparency, conductivity,, magnetic, filter, evaporation, dissolving, mixing	→
Plants Vocabulary - P	Plant, leaf, leaves, stem, light, water, growth, healthy, shoot, root, petal, pollination, insect pollinated, wind pollinated, seed, food, fertiliser	Deciduous, evergreen, leaves, flowers, blossom, petals, fruit, roots, bulb, seeds, trunk, branches, stem	Seeds, bulb, water, light, temperature growth	Air, light, water, nutrients, soil, reproduction, transportation, dispersal, pollination, flower	→	→	→
Seasonal Changes Vocabulary - SC	Seasons, winter, ice, snow, snowflake, sparkling, chilly, cold, white, clouds, freezing, storm, autumn, rain, yellow, orange, red, green, windy, harvest, scarecrow, acorn, conker, tractor, twig, bare, hedgehog, buds, butterfly, hatch, chick, frogspawn, tadpole, froglet, frog, lamb, grow, flower, sun, sunshine, hear, hot, weather	Summer, Spring, Winter, Autumn, sun, day, night, light, dark	→	→	→	→	→
Forces, Earth and Space Vocabulary - FES	Force, push, pull, rub, slide, down, up, spin, friction, wheel, roll, move, stretch, spring, bounce, gravity, float, sink, magnet, magnetism, attract, repel	**Force, push, pull, rub, slide, down, up, spin, friction, wheel, roll, move, stretch, spring, bounce, gravity, float, sink, magnet, magnetism, attract, repel**	→	Magnetic, force, contact, attract, repel, friction, poles, push, pull	→	**Earth and Space:** Earth, Sun, moon, axis, rotation, day, night, phases of the moon, star, constellation **Forces:** Air resistance, water resistance, friction, gravity, Newton, gears, pulleys	→

Sound, Light and Electricity Vocabulary - SLE	Sound, hear, louder, softer, fainter, volume, ear, hear, percussion, light, bulb, socket, plug, danger, water, batteries, power, torch, switch, electricity, dark, object, shadow, light source			Light, shadow, mirror, reflective, dark, reflection	**Sound:** Volume, vibration, wave, pitch, tone, speaker **Electricity:** Cells, wires, bulbs, switches, buzzers, battery, circuit, series, conductors, insulators		**Light:** Refraction, reflection, light, spectrum, rainbow, colour **Electricity:** Cells, wires, bulb, switch, buzzer, battery, circuit, series, conductor, insulator, amp, volt,