



Scientific Vocabulary Progression

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	<u>Working Scientifically</u> question, answer, observe, observing, equipment, identify, sort, group, compare, differences, similarities, describe, measurements, test, results, secondary sources record – diagram, chart		<u>Working Scientifically</u> oral and written explanations, conclusion, predictions, criteria, classify, changes, data, contrast, evidence, improve, secondary sources, guides, keys, construct, interpret research – relevant question equipment – thermometer, data – gather, standard units, record, classify, present record – drawings, labelled diagrams, keys, bar charts, tables		<u>Working Scientifically</u> Plan, variables, measurements, accuracy, precision, repeat, readings, predictions, further comparative and fair test, identify, classify and describe, patterns, systematic, quantitative measurements. Report data – scientific diagram, labels, classification keys, scatter graphs, bar graph and line graphs. Report and present – conclusion, casual relationships, explanations, degree of trust, oral and written display and presentation Evidence – support, refute, ideas or argument	
- Science • Experiment • Test • Fair • Find out • Explain • Reason • Why • Record • Senses	<ul style="list-style-type: none"> Animals including humans Fish, Reptiles, Mammals, Birds, Amphibians (+ examples of each) Herbivore, Omnivore, Carnivore, Leg, Arm, Elbow, Head, Ear, Nose, Back, Wings, Beak Plants Deciduous, Evergreen trees, Leaves, Flowers (blossom), Petals, Fruit, Roots, Bulb, Seed, Trunk, Branches, Stem Everyday Materials Wood, Plastic, Glass, Paper, Water, Metal, Rock, Hard, Soft, Bendy, Rough, Smooth Seasonal Changes Summer, Spring, Autumn, Winter, Sun, Day, Mo 	Animals including humans Survival, Water, Air, Food, Adult, Baby, Offspring, Kitten, Calf, Puppy, Exercise, Hygiene <ul style="list-style-type: none"> Plants Seeds, Bulbs, Water, Light, Temperature, Growth Living things and their habitats Living, Dead, Habitat, Energy, Food chain, Predator, Prey, Woodland, Pond, Desert Everyday materials and their uses Hard, Soft, Stretchy, Stiff, Shiny, Dull, Rough, Smooth, Bendy, Waterproof, Absorbent, Opaque, Transparent Brick, Paper, Fabrics, Squashing, Bending, Twisting, Stretching Elastic, Foil, Force 	Animals including humans Movement, Muscles, Bones, Skull, Nutrition, Skeletons <ul style="list-style-type: none"> Plants Air, Light, Water, Nutrients, Soil, Reproduction, Transportation, Dispersal, Pollination, Flower Rocks Fossils, Soils, Sandstone, Granite, Marble, Pumice, Crystals, Absorbent • Light Light, Shadows, Mirror, Reflective, Dark, Reflection Forces and magnets Magnetic, Force, Contact, Attract, Repel, Friction, Poles, Push, Pull Animals including humans Movement, Muscles, Bones, Skull, Nutrition, Skeletons, Plants Air, Light, Water, Nutrients, Soil, Reproduction, Transportation, Dispersal, Pollination, Flower Rocks Fossils, Soils, Sandstone, Granite, Marble, Pumice, Crystals, Absorbent Light Light, Shadows, Mirror, Reflective, Dark, Reflection Forces and magnets Magnetic, Force, Contact, Attract, Repel, Friction, Poles, Push, Pull 	Animals including humans Mouth, Tongue, Teeth, Oesophagus, Stomach, Small Intestine, Large Intestine, Herbivore, Carnivore, Canine, Incisor, Molar <ul style="list-style-type: none"> Living things and their habitats Vertebrates, Fish, Amphibians, Reptiles, Birds, Mammals, Invertebrates, Snails, Slugs, Worms, Spiders, Insects, Environment, Habitats States of Matter Solid, Liquid, Gas, Evaporation, Condensation, Particles, Temperature, Freezing, Heating Sound Volume, Vibration, Wave, Pitch, Tone, Speaker Electricity Cells, Wires, Bulbs, Switches, Buzzers, Battery, Circuit, Series, Conductors, Insulators 	Animals including humans Foetus, Embryo, Womb, Gestation, Baby, Toddler, Teenager, Elderly, Growth, Development, Puberty <ul style="list-style-type: none"> Living things and their habitats Mammal, Reproduction, Insect, Amphibian, Bird, Offspring Properties and changes of materials Hardness, Solubility, Transparency, Conductivity, Magnetic, Filter, Evaporation, Dissolving, Mixing 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 	Animals including humans Circulatory, Heart, Blood Vessels, Veins, Arteries, Oxygenated, Deoxygenated, Valve, Exercise, Respiration <ul style="list-style-type: none"> Living things and their habitats Classification, Vertebrates, Invertebrates, Micro-organisms, Amphibians, Reptiles, Mammals, Insects Evolution and Inheritance Fossils, Adaptation, Evolution, Characteristics, Reproduction, Genetics Light Refraction, Reflection, Light, Spectrum, Rainbow, Colour, Electricity Cells, Wires, Bulbs, Switches, Buzzers, Battery, Circuit, Series, Conductors, Insulators, Amps, Volts, Cell