

Science – Vocabulary Progression

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Working Scientifically		Question, answer, observe, observing, equipment, identify, classify, sort, group, record, diagram, chart, map, data, compare, contrast, describe, biology, chemistry, physics		Question, answer, observe, observing, equipment, identify, classify, sort, group, record, diagram, chart, map, data, compare, contrast, describe, biology, chemistry, physics Scientific enquiry, research, comparative, fair test, systematic, accurate, thermometer, data logger, gather, record, classify, present, record, labelled diagram, key, bar chart, table, conclusion, prediction, difference, similarities, changes, evidence, improve, secondary source, guide, key, construct, interpret		Question, answer, observe, observing, equipment, identify, classify, sort, group, record, diagram, chart, map, data, compare, contrast, describe, biology, chemistry, physics Scientific enquiry, research, comparative, fair test, systematic, accurate, thermometer, data logger, gather, record, classify, present, record, labelled diagram, key, bar chart, table, conclusion, prediction, difference, similarities, changes, evidence, improve, secondary source, guide, key, construct, interpret Plan, variable, precision, repeat readings, labels, classification, predict, estimate, conclusion, relationship, degree of trust, support, refute, identify, classify, describe, pattern	
Animals including Humans	Plant, animal	Plant, animal Senses, fish, reptiles, mammals, birds, amphibians, herbivore, omnivore, carnivore, wings, beak Survival, water, air, food, adult, baby, offspring, kitten, calf, puppy, exercise, hygiene	Plant, animal Senses, fish, reptiles, mammals, birds, amphibians, herbivore, omnivore, carnivore, wings, beak Survival, water, air, food, adult, baby, offspring, kitten, calf, puppy, exercise, hygiene	Plant, animal Senses, fish, reptiles, mammals, birds, amphibians, herbivore, omnivore, carnivore, wings, beak Survival, water, air, food, adult, baby, offspring, kitten, calf, puppy, exercise, hygiene Nutrition, movement, muscles, bones, skull, nutrition, skeleton	Plant, animal Senses, fish, reptiles, mammals, birds, amphibians, herbivore, omnivore, carnivore, wings, beak Survival, water, air, food, adult, baby, offspring, kitten, calf, puppy, exercise, hygiene Nutrition, movement, muscles, bones, skull, nutrition, skeleton Mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, incisor, molar	Plant, animal Senses, fish, reptiles, mammals, birds, amphibians, herbivore, omnivore, carnivore, wings, beak Survival, water, air, food, adult, baby, offspring, kitten, calf, puppy, exercise, hygiene Nutrition, movement, muscles, bones, skull, nutrition, skeleton Mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, incisor, molar Foetus, embryo, womb, gestation, baby, toddler, teenager, elderly, growth, development, puberty, adolescent, adult, life, cycle, reproduction	Plant, animal Senses, fish, reptiles, mammals, birds, amphibians, herbivore, omnivore, carnivore, wings, beak Survival, water, air, food, adult, baby, offspring, kitten, calf, puppy, exercise, hygiene Nutrition, movement, muscles, bones, skull, nutrition, skeleton Mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, incisor, molar Foetus, embryo, womb, gestation, baby, toddler, teenager, elderly, growth, development, puberty, adolescent, adult, life, cycle, reproduction Circulatory, heart, blood, vessels, veins, arteries, oxygenated, deoxygenated, valve, exercise, respiration, oxygen, carbon dioxide
Plants	Plant, flower, grass, tree	Plant, flower, grass, tree Deciduous, evergreen, leaves, flowers, petals, fruit, roots, bulb, seed, trunk, branches, stem	Plant, flower, grass, tree Deciduous, evergreen, leaves, flowers, petals, fruit, roots, bulb, seed, trunk, branches, stem Seeds, bulbs, water, light,	Plant, flower, grass, tree Deciduous, evergreen, leaves, flowers, petals, fruit, roots, bulb, seed, trunk, branches, stem Seeds, bulbs, water, light,			

			temperature, growth	temperature, growth Air, light, water, nutrients, soil, reproduction, transportation, dispersal, pollination, flower			
Living things and their habitats	Plant, animal, home		Plant, animal, home Living, dead, habitat, energy, food chain, predator, prey, woodland, pond, desert		Plant, animal, home 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	Plant, animal, home 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, pollen, stigma, stamen, seed formation / dispersal, germination, pollination	Plant, animal, home 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, pollen, stigma, stamen, seed formation / dispersal, germination, pollination Classification, vertebrates, invertebrates, microorganisms, amphibians, reptiles, mammals, insects, crustacean, arachnid, offspring, mollusc
Seasonal change	Weather, rain, sunshine, snow, cloud	Weather, rain, sunshine, snow, cloud Summer, spring, autumn, winter, sun, day, moon, night, light, dark					
Evolution and inheritance							Fossils, adaptation, evolution, characteristics, reproduction, genetics, inherit
Materials	Sand, playdough, paint, mix, soft, hard	Sand, playdough, paint, mix, soft, hard Wood, plastic, glass, paper, water, metal, rock, hard, soft, bendy, rough, smooth	Sand, playdough, paint, mix, soft, hard Wood, plastic, glass, paper, water, metal, rock, hard, soft, bendy, rough, smooth Stretchy, shiny, dull, rough, smooth, bendy, waterproof, absorbent, opaque, transparent, brick, paper, fabrics, squashing, bending, twisting, stretch, elastic			Sand, playdough, paint, mix, soft, hard Wood, plastic, glass, paper, water, metal, rock, hard, soft, bendy, rough, smooth Stretchy, shiny, dull, rough, smooth, bendy, waterproof, absorbent, opaque, transparent, brick, paper, fabrics, squashing, bending, twisting, stretch, elastic Hardness, solubility,	

						transparency, conductivity, magnetic, filter, evaporation, dissolving, mixing, insoluble, mixture, separating, evaporating, reversible, irreversible, burning, rusting, sieving, residue	
States of matter	Hard, soft, water, hot, cold				Hard, soft, water, hot, cold Solid, liquid, gas, evaporation, condensation, particles, temperature, freezing, heating, water vapour, solidify, change state, boil		
Forces	Stop, start	Stop, start Roll, move, slow, fast	Stop, start Roll, move, slow, fast Direction, force, magnetic, contact, attract, repel, friction, poles, push, pull	Stop, start Roll, move, slow, fast Direction, force, magnetic, contact, attract, repel, friction, poles, push, pull		Stop, start Roll, move, slow, fast Direction, force, magnetic, contact, attract, repel, friction, poles, push, pull Air resistance, water resistance, friction, gravity, Newton, gears, pulleys	
Rocks	Hard, smooth, rough			Hard, smooth, rough Fossils, soils, sandstone, granite, marble, pumice, crystals, absorbent			
Electricity	Bright, dark				Bright, dark Cells, wires, bulbs, switches, buzzers, battery, circuit, series, conductors, insulators, connection, electricity		Bright, dark Cells, wires, bulbs, switches, buzzers, battery, circuit, series, conductors, insulators, connection, electricity Amps, volts, cell, negative, positive
Earth and Space	World, sky, space, stars, planets					World, sky, space, stars, planets Earth, sun, moon, axis, rotation, day, night, phases of the moon, star, constellation, solar system, planets, orbit	
Sound	Quiet, loud				Quiet, loud Volume, vibration, wave, pitch, tone, travel, strength		
Light	Bright, dark			Bright, dark Light, shadows, mirror, reflective, dark, reflection			Bright, dark Light, shadows, mirror, reflective, dark, reflection Refraction, spectrum, rainbow, colour, dark, shadow, absorb, symbol,

							diagram, opaque, translucent
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