

Science Curriculum Key Vocabulary Progression Chart

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		<u>Working Scientifically</u> question, answer, observe, test, equipment, measure, identify, sort, group, data, compare, describe		<u>Working Scientifically</u> relevant question, plan, fair test, record, accurate measurement, standard unit, results, conclusion, prediction, compare and contrast, differences, similarities, evidence, improve, key, classify, classification key, construct, present, interpret		<u>Working Scientifically</u> control variable, independent variable, accuracy, precision, repeat readings, causal relationships, scientific evidence	
Biology		<u>Animal survival</u> organisms, growth, energy, fish, amphibians, mammals, birds, reptiles, herbivore, omnivore, carnivore, predator, prey, food chain, senses	<u>Animal life cycles</u> maturity, reproduce, die, offspring, life cycle, food chain, producer, consumer	<u>Animals, Skeletons & Movement</u> vertebrates, invertebrates, skeleton, exoskeleton, vital organs, support, mass, muscles, connect, contract	<u>Digestion</u> meat, dairy, protein, grains, root vegetable, carbohydrates, fat, insulation, fruits, minerals, vitamins, fiber, healthy, digestion	<u>Circulation</u> oxygen, sugar (glucose), lungs, muscles, circulation, heart <u>Animals including Humans</u> womb, foetus, embryo, gestation, baby, toddler, teenager, elderly, growth, development, puberty	
		<u>Plants</u> seed, bulb, leaves, germination, roots, shoots <u>Habitats</u> variation, habitat, adapted, survive, avoid, wild plant, garden plant	<u>New Plants</u> Flowering, reproduction, geminate, generations,	<u>Plants & their food production</u> carbon dioxide, oxygen, roots, soil, leaves	<u>Plant Reproduction</u> pollination, seed, stamen, stigma, ovaries, petals, dispersal, germination Living things Classification, classification key, vertebrates,		<u>Classification & Evolution</u> evolution, natural selection, population, variation, competition, adapted, off spring,

					invertebrates, food chain, nutrients, organism, mammal, amphibian, insect, bird, environmental change		inheritance, Charles Darwin, Lamarck, HMS Beagle
Chemistry		<u>Describing Materials</u> properties, metal, rock, fabric, wood, plastic, ceramic, suitable, purpose	<u>Changing Materials</u> changed, physical force, absorb, crumbly, property, drag, suitable, strongest, flexible	<u>Rocks & Soils</u> rock, crystal, mineral, ore, grains, fossil, sedimentary, igneous, metamorphic, porosity, hardness, soil, humus, silt <u>Solids liquids & gases</u> state, solid, liquid, gas, gravity, viscous, heating, cooling, melting, boiling, evaporate, freeze, condense.	<u>Mixtures & Separating them</u> substance, mixture, dissolving, solution	<u>Fossils, Geological time & Classification</u> million, billion. evolution, extinct, fossil, palaeontologist, organism, micro-organism, bacteria, microscope <u>Making New Substances</u> matter, mass, react, irreversible	
Physics		<u>Seasons</u> spring, summer, autumn, winter, hibernating, migration, evergreen, deciduous		<u>Light</u> light source, shiny, transparent, opaque, reflective, translucent		<u>Space & Gravity</u> solar system, planets, orbit, star, moon, rotating, day, year, galaxy, universe, asteroid, comet, gravity, mass	<u>How Light Behaves</u> shadow, opaque, transparent, translucent, reflection, pupil <u>Sound</u> sound, pitch, volume, vibration, frequency, amplitude
			<u>Pushes & Pulls</u> motion, pushing, pulling, slow down, speed up, direction	<u>Magnets</u> magnet, force, attraction, repulsion, metal, non-contact force, pole	<u>Making Electrical Circuits Work</u> electricity, batteries, mains electricity, device, wires, circuit, conductor, insulator	<u>Forces that Oppose Motion</u> water resistance, air resistance, friction, undulations,	<u>Controlling Electrical Circuits</u> current, voltage, volts, conductor,

						interlock, gears, pulley, lever	resistance, resistor
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