Science Vocabulary Progression Year 1 – Year 6

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Biology	Animals including humans	**senses:** hear, smell, touch, taste, see **animals:** beak, wing, paw, feathers, claw, talons **main body parts:** head, neck, arms, elbows, legs, knees, face, ears, hair, mouth, teeth, abdomen, chest, shoulders, toes **classification:** herbivore, carnivore, omnivore, mammal, living, bird, fish, reptile, amphibian **movement:** fly, swim, crawl, run	animals, plants senses **health:** illness, medicine, exercise, hygiene, healthy, diet, fit, nutrition, unhealthy diet **life processes:** survive, living, movement, respiration, growth, basic needs, reproduction, excretion, life process **life cycles:** offspring, life cycle, baby, child, teenager, adult, elderly	**skeletal system:** skeleton, muscle, bone, skull, ribs, spinal column, backbone, joints, sockets, femur, collarbone, humerus, ulna, radius, hip, pelvis, fibula, tibia, kneecap, shoulder blade, movement, support, protection, contract, relax **classification:** vertebrates, invertebrates, insects, minibeasts, mammals, reptiles, fish, birds, amphibians **nutrition:** food, growth, healthy, unhealthy, nutrition, exercise, balanced diet, sugar, fruit, vegetables, protein, carbohydrates, fat, dairy, vitamins, minerals	**teeth:** canines, incisor, molars, premolars **diet/digestion:** carnivore, herbivore, omnivore, digestion, large intestines, oesophagus, peristalsis, predator, prey, producer, saliva, small intestines, stomach	**reproduction/stages of life:** baby, toddler, child, teenager, adult, senior, death, puberty, fertilise, egg, sperm, conception, foetus, womb, birth, develop, grow, change	**circulatory system:** heart, heartbeat/heart rate, pulse, muscle, blood vessel, lungs, oxygen, oxygenated blood, deoxygenated blood, circulate, vein, artery **diet:** diet, exercise, unhealthy, harmful, healthy, nutrients, water, transport, hygiene, smoking, alcohol, overweight

Science Vocabulary Progression Year 1 – Year 6

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Biology	Plants	plant, root, grow, branch, deciduous, evergreen, tree, flower, leaf, seed, stem, soil, trunk, to plant, to water **types of plants:** tree, daisy, birch, dandelion, fir tree, buttercup, wild plant, pine tree, fruit, flower, nettle, oak tree, holly, vegetable, weed, sycamore tree	compost, sunlight, temperature, plant, tree, deciduous, evergreen **parts of a plant:** flower, roots, stem leaf, bulb, seed, seedling	vegetable, plant **reproduction:** pollen, pollination, pollinators, formation, dispersal, reproduce **parts of a plant:** root, branch, seed, flower, leaf, seedling, stem, bulb, fruit, flower, blossom, trunk **needs of a plant:** compost, nutrients, grow, air, light, soil		**reproduction:** pollen, pollination, pollinators, formation, dispersal, reproduce	
	Living things and habitats		alive, conditions, adapted, animals, plants, living, dead, survive, basic needs, life process, food chain **classification:** carnivore, herbivore, omnivore **habitats:** woodland forest, jungle, polar region, desert, mountain, habitat, microhabitat		adaptation, pollution, habitats, environment, environmental change, **classification:** exoskeleton, carnivore, herbivore, omnivore, mammal, reptile, bird, amphibian, key, classify, vertebrate, invertebrate, pigeon, eagle, gull, minibeast, insect **life processes:** movement, respiration, growth, reproduction, excretion, nutrition, sensitivity	**classification:** mammal, reptile, bird, fish, amphibian, insect **life processes:** nutrition, movement, respiration, reproduction, excretion, growth, sensitivity **life cycles:** egg, life cycle, womb, fertilisation, pollination, pollen, stamen, pistil, seed dispersal	characteristics, classify, environment, compare, features, classification key, key, flowering plant, non-flowering plant **classification:** vertebrate, invertebrate, exoskeleton, vascular, non-vascular, taxonomy, herbivore, carnivore, omnivore, mammal, reptile, amphibian, bird, fish **microorganisms:** microorganism, bacteria, virus, fungi

Science Vocabulary Progression Year 1 – Year 6

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Biology	Evolution						**evolution:** environment, gene, natural selection, organism, evolution, change over time, species, population, features, trait, inherited, characteristics, reproduce, offspring, variation, mutation, survive, survival of the fittest, adaptation Charles Darwin

Science Vocabulary Progression Year 1 – Year 6

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Chemistry	Materials	**properties:** fragile, heavy, light, hard, soft, smooth, rough, squidgy, waterproof, strong, weak, bumpy, stretchy, see-through, breakable **materials:** plastic, wood, rubber, fabric, metal, brick, rock, glass, paper, material, cotton, wool, fleece	**properties:** fragile, heavy, light, hard, soft, smooth, rough, squidgy, waterproof, strong, weak, bumpy, stretchy, see-through, breakable **materials:** plastic, wood, rubber, fabric, metal, brick, rock, glass, paper, material, cotton, wool,			change, reversible, irreversible, saturation, insulation **states of matter:** solid, liquid, gas **properties:** flexible, soluble, insoluble, durable, thermal, magnets, magnetic, permeable, absorbant **processes:** dissolving, evaporating, sieving, filtration, heat, boiling, condensing, evaporation, freezing, melting, chemical change, physical change	

Science Vocabulary Progression Year 1 – Year 6

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Chemistry	Rocks			rocks, soils, stone, pebbles **types of rock:** slate, marble, chalk, granite, sandstone, clay **properties:** hard, soft, permeable, appearance, physical properties, acid **rock formation:** sedimentary, metamorphic, igneous, magma, bedrock, fossil			
	States of Matter				temperature, group, property, compare, particle, thermometer, research, change, degrees Celsius, observe **states of matter:** solid, liquid, gas, state of matter, carbon dioxide, oxygen, helium, natural gas, air **processes:** solidify, heat, measure, condensation, boiling, cool, condense, evaporation, evaporate, melt/melting, freeze/freezing **water cycle:** water cycle, run-off, precipitation, collection, condensation, evaporation, droplet		

Science Vocabulary Progression Year 1 – Year 6

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Physics	Forces and Magnets			iron, force, pull, push, magnet, poles, attract, repel, magnetic, non-magnetic, metal, stronger, weaker, movement, bigger, smaller force		gear, lever, pull, newton meter, surface area, push, pull, movement, grip, contact, streamlined **types of force:** repel, upthrust/buoyancy, friction, air resistance, gravity, drag	
	Seasonal Change	autumn, spring, winter, summer, seasons, grow, new life, year, change, tree, plant, shadow **weather types:** sun, snow, rain, hail, wind **temperature:** cold, hot, warm	Changes between seasons Daylight hours Temperature Thermometer Rain gauge				

Science Vocabulary Progression Year 1 – Year 6

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Physics	Earth and Space					day, month, year, gravity, shadow, time zones, revolve, orbit, spin, rotate, axis, reflect **solar system:** Neptune, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Earth, Sun, Moon, planet, star, space, solar system **phases of the Moon:** waning gibbous, waxing gibbous, waxing crescent, waning crescent, last quarter, full Moon, first quarter, new Moon	
	Electricity				appliance, battery, conductor, circuit, components, current, electrical, insulator, mains power, portable, pylon, switch		appliance, battery, conductor, circuit, components, current, electrical, insulator, mains power, pylon, renewable energy, non-renewable energy, wind, solar, hydro, nuclear, coal and gas, radition

Science Vocabulary Progression Year 1 – Year 6

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Physics	Light			dark, absence of light, luminous, travel, reflection, reflect, shadow, see, eyes, mirror, direction, straight lines **light source:** torch, sunlight, light source **properties:** opaque, translucent, transparent, reflective, block			dark, absence of light, luminous scattering, absorption, refraction, travel, direction, straight lines, bend, reflective, mirror, reflection, reflect, block, shadow, cast rainbow, colours see, eyes **light source:** torch, light beam, Sun, light, light source, light ray, natural light, man-made **properties:** opaque, translucent, transparent
	Sound				vibrate, vibration, travel, sound, source, tension, particle, air **parts of the ear:** pinna, cochlea, eardrum, ear **volume:** quiet, loud, soft, loudness, volume, muffle, faint, noise **pitch:** pitch, high, low		