

Science Vocabulary Progression

	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Plants (Biology)		Plant, tree, living thing, petals, stem, leaf/leaves, bulb, bud, flower (blossom), flowering, petal, ,seed, fruit, vegetable, herb, vegetation, root, trunk, branch, deciduous, evergreen, weed, wild, dandelion, daisy, buttercup, nettle, clover, rose, poppy, sunflower	Plant, tree, living thing, petals, stem, leaf/leaves, bulb, bud, flower (blossom), flowering, petal, ,seed, fruit, vegetable, herb, vegetation, root, trunk, branch, deciduous, evergreen, weed, wild, dandelion, daisy, buttercup, nettle, clover, rose, poppy, sunflower, grow, crop, light, soil, water, temperature, reproduce, flowering plant, germinate/germination, nutrients, vegetation	Plant, tree, living thing, petals, stem, leaf/leaves, bulb, bud, flower (blossom), flowering, petal, ,seed, fruit, vegetable, herb, vegetation, root, trunk, branch, deciduous, evergreen, weed, wild, dandelion, daisy, buttercup, nettle, clover, rose, poppy, sunflower, grow, crop, light, soil, water, temperature, reproduce, flowering plant, germinate/germination, nutrients, vegetation , environment, climate zone, air, transport, Absorb, nutrients, air, life cycle, air, fertiliser, flowering plant, pollen/ pollinate/ pollination, anther, carbon dioxide, climate, disperse, fertilisation, ovary, ovule, style, stigma, anther, filament, fertilise/ fertilisation, function, carbon dioxide			
Seasonal Changes (Biology)		Spring, summer, autumn, winter, month, season, change, environment, weather, rai, sun, hail, temperature, daylight, hour					
Animals Including Humans (Biology)		Vertebrate, backbone, invertebrate, mammal, fish, bird, reptile, amphibian, carnivore, herbivore, omnivore, environment, warm-blooded, cold-blooded, pet, wild animal, head, neck, arms, elbows, legs, knees, face, ears, eyes, hair, mouth, teeth, senses, taste, touch smell, hear, see Also include the names of common animals in each group.	Vertebrate, backbone, invertebrate, mammal, fish, bird, reptile, amphibian, carnivore, herbivore, omnivore, environment, warm-blooded, cold-blooded, pet, wild animal, head, neck, arms, elbows, legs, knees, face, ears, eyes, hair, mouth, teeth, senses, taste, touch smell, hear, see, offspring, young, adults (names for different offspring e.g. puppy, kid, piglet, duckling, child), adult, survive, water, food, air, exercise, hygiene, nutrition, reproduce, grow Vocabulary related to the life-cycles being learned e.g. egg, caterpillar, pupa, butterfly)	Vertebrate, backbone, invertebrate, mammal, fish, bird, reptile, amphibian, carnivore, herbivore, omnivore, environment, warm-blooded, cold-blooded, pet, wild animal, head, neck, arms, elbows, legs, knees, face, ears, eyes, hair, mouth, teeth, senses, taste, touch smell, hear, see, offspring, young, adults (names for different offspring e.g. puppy, kid, piglet, duckling, child), adult, survive, water, food, air, exercise, hygiene, nutrition, reproduce, grow, skeleton, organs, muscles, contract, relax, biceps, triceps, joints, support, protection, movement, nutrition, diet, balanced diet, skull/ cranium, clavicle, femur, pelvis, spine, vertebrae, endoskeleton, exoskeleton, ribs, support, protection, movement, tendons,	Vertebrate, backbone, invertebrate, mammal, fish, bird, reptile, amphibian, carnivore, herbivore, omnivore, environment, warm-blooded, cold-blooded, pet, wild animal, head, neck, arms, elbows, legs, knees, face, ears, eyes, hair, mouth, teeth, senses, taste, touch smell, hear, see, offspring, young, adults (names for different offspring e.g. puppy, kid, piglet, duckling, child), adult, survive, water, food, air, exercise, hygiene, nutrition, reproduce, grow, skeleton, organs, muscles, contract, relax,, biceps, triceps, joints, support, protection, movement, nutrition, diet, balanced diet, skull/ cranium, clavicle, femur, pelvis, spine, vertebrae, teeth, canine, incisor, premolar, molar, root, absorb, carnivore, decay, digestion, enamel, excretion, faeces, herbivore, intestines, muscles, nutrition, jaw, digest, oesophagus, omnivore, organ, plaque, saliva, stomach	Vertebrate, backbone, invertebrate, mammal, fish, bird, reptile, amphibian, carnivore, herbivore, omnivore, environment, warm-blooded, cold-blooded, pet, wild animal, head, neck, arms, elbows, legs, knees, face, ears, eyes, hair, mouth, teeth, senses, taste, touch smell, hear, see, offspring, young, adults (names for different offspring e.g. puppy, kid, piglet, duckling, child), adult, survive, water, food, air, exercise, hygiene, nutrition, reproduce, grow, skeleton, organs, muscles, contract, relax,, biceps, triceps, joints, support, protection, movement, nutrition, diet, balanced diet, skull/ cranium, clavicle, femur, pelvis, spine, vertebrae, teeth, canine, incisor, premolar, molar, root, absorb, carnivore, decay, digestion, enamel, excretion, faeces, herbivore, intestines, muscles, nutrition, jaw, digest, oesophagus, omnivore, organ, plaque, saliva, stomach, gestation, foetus, baby, infant, toddler, teenager, adolescence, puberty, adult/ adulthood, elderly, development, genitals, growth, hormones, menstruation, menopause, reproduction	Vertebrate, backbone, invertebrate, mammal, fish, bird, reptile, amphibian, carnivore, herbivore, omnivore, environment, warm-blooded, cold-blooded, pet, wild animal, head, neck, arms, elbows, legs, knees, face, ears, eyes, hair, mouth, teeth, senses, taste, touch smell, hear, see, offspring, young, adults (names for different offspring e.g. puppy, kid, piglet, duckling, child), adult, survive, water, food, air, exercise, hygiene, nutrition, reproduce, grow, skeleton, organs, muscles, contract, relax,, biceps, triceps, joints, support, protection, movement, nutrition, diet, balanced diet, skull/ cranium, clavicle, femur, pelvis, spine, vertebrae, teeth, canine, incisor, premolar, molar, root, absorb, carnivore, decay, digestion, enamel, excretion, faeces, herbivore, intestines, muscles, nutrition, jaw, digest, oesophagus, omnivore, organ, plaque, saliva, stomach, gestation, foetus, baby, infant, toddler, teenager, adolescence, puberty, adult/ adulthood, elderly, development, genitals, growth, hormones, menstruation, menopause, reproduction, circulation, circulatory system, diet, exercise, drugs, lifestyle, nutrients, water, transported, heart, chambers, atrium,, ventricle, oxygenated, deoxygenated, oxygen (O²), carbon dioxide (CO²), respiration.
Materials (Physics)		Materials, wood, plastic, glass, metal, water, rock, properties, hard/soft, stretchy/ stiff, shiny/ dull, rough/ smooth, bendy/ not bendy, waterproof/ not waterproof, absorbent/ not absorbent, opaque/ transparent, brick, paper, fabrics, elastic, foil, natural materials, man-made materials, Names of different man-made and natural materials e.g. leather, cotton, chalk, concrete, plastic, paper, rubber	Materials, wood, plastic, glass, metal, water, rock, cardboard , properties, hard/soft, stretchy/ stiff, shiny/ dull, rough/ smooth, bendy/ not bendy, waterproof/ not waterproof, absorbent/ not absorbent, opaque/ transparent, brick, paper, fabrics, elastic, foil, natural materials, man-made materials, squashing, bending, twisting, stretching, suitable, unsuitable, everyday materials, properties.		Materials, wood, plastic, glass, metal, water, rock, cardboard, properties, hard/soft, stretchy/ stiff, shiny/ dull, rough/ smooth, bendy/ not bendy, waterproof/ not waterproof, absorbent/ not absorbent, opaque/ transparent, brick, paper, fabrics, elastic, foil, natural materials, man-made materials, squashing, bending, twisting, stretching, suitable, unsuitable, everyday materials, properties, solid, liquid, gas, particles, change state, temperature, heating, cooling, boiling, freezing/ freezing	Materials, wood, plastic, glass, metal, water, rock, cardboard, properties, hard/soft, stretchy/ stiff, shiny/ dull, rough/ smooth, bendy/ not bendy, waterproof/ not waterproof, absorbent/ not absorbent, opaque/ transparent, brick, paper, fabrics, elastic, foil, natural materials, man-made materials, squashing, bending, twisting, stretching, suitable, unsuitable, everyday materials, properties, solid, liquid, gas, particles, change state, temperature, heating, cooling, boiling, freezing/ freezing	

					point, heating, melting/ melting point, evaporate/ evaporation, condensation, water cycle, water vapour	point, heating, melting/ melting point, evaporate/ evaporation, condensation, water cycle, water vapour, hardness, soluble/ insoluble, transparent/ transparency, permeable, thermal conductor/ thermal insulator, electrical conductor/ electrical insulator, magnetic, dissolve, solution, separate, filter, sieve/ sieving, reversible change, irreversible change	
Light (Physics)				Light source, dark, transparent, translucent, opaque, shadow, reflect			Light source, dark, transparent, translucent, opaque, shadow, reflect, rays of light, cornea, lens, retina, pupil, optic nerve
Sound (Physics)					Vibrate/ vibration, ear drum, ear canal, high pitch, low pitch sound waves, frequency, volume, insulation/ insulator, amplitude, decibel.		
Rocks and Soils (Physics)				Physical, igneous rock, sedimentary rock, metamorphic rock, fossil, prehistoric, palaeontology, bedrock, magma, natural, man-made, properties, permeable, porous, mineral.			
Electricity (Physics)					Electricity source, volts, cell, wire, bulb, lamp, switch, buzzer, battery, component, current, circuit, series circuit, symbol, electrical conductor, electrical insulator		Electricity source, volts, cell, wire, bulb, lamp, switch, buzzer, battery, component, current, circuit, series circuit, symbol, electrical conductor, electrical insulator, volts/ voltage, ammeter, appliance, resistor.
Forces and Magnets (Physics)				Force, magnet, bar magnet, ring magnet, button magnet, horseshoe magnet, attract, repel, magnetic, magnetic field, non-magnetic, pole, north, south, friction, push, pull.		Force, magnet, bar magnet, ring magnet, button magnet, horseshoe magnet, attract, repel, magnetic, magnetic field, non-magnetic, pole, north, south, friction, push, pull, gravity, air resistance, water resistance, lever, gear, pulley, mechanism	
Earth and Space (Physics)						Sun, Moon, lunar, sun, solar system, Mercury, Venus, Earth, Jupiter, Saturn, Uranus, Neptune, Planet, rotate, orbit, axis, spin, season, sphere, leap year, gravity, time zones	
Living Things and Their Habitats (Biology)			Living, dead, habitat, woodland, seashore, ocean, rainforest, river, pond, coast, desert, animal, plant, microhabitat, food chain		Living, dead, habitat, woodland, seashore, ocean, rainforest, river, pond, coast, desert, animal, plant, microhabitat, food chain, classification key, environment, environmental changes, vertebrate, fish, amphibian, reptile, birds, mammals, flowering plant, non-flowering plant, human impact, population, deforestation, urban	Living, dead, habitat, woodland, seashore, ocean, rainforest, river, pond, coast, desert, animal, plant, microhabitat, food chain, classification key, environment, environmental changes, vertebrate, fish, amphibian, reptile, birds, mammals, flowering plant, non-flowering plant, human impact, population, deforestation, urban, amphibian, insect, bird, life process, reproduction, local environment, life cycle,	Living, dead, habitat, woodland, seashore, ocean, rainforest, river, pond, coast, desert, animal, plant, microhabitat, food chain, classification key, environment, environmental changes, vertebrate, fish, amphibian, reptile, birds, mammals, flowering plant, non-flowering plant, human impact, population, deforestation, urban, amphibian, insect, bird, life process, reproduction, local environment, life cycle, classify, characteristics, similarities, differences,
Evolution and Inheritance (Biology)							evolution, inheritance, inherit, maladaptation, mutation, natural selection, variation, offspring, adapt/ adaptation, species, breeding, extinct, Charles Darwin, fossil, inhabit, characteristics,