

Science: progression of vocabulary

	EYFS	Year 1/2	Year 3/4	Year 5/6
<u>Plants</u>	Stem, leaves, petals, flower, fruit, bushes, trees, branches, water, light, grow, sunshine, alive, dead	Deciduous and evergreen trees, leaves, flowers, blossom, petals, fruit, roots, bulb, seed, trunk, branches, stem, sprout shoots, germinate, seedling, temperature, healthy, berries,	Oxygen, carbon dioxide, nutrients, soil, transportation, flowering, absorb, energy, movement, growth, seed dispersal, reproduction, pollination, nectar	Dispersal, reproduction, pollination, fertilisation, seed and fruit formation, sensitivity, excretion, respiration, oxygen, carbon dioxide, photosynthesis. (MRS GREN)
<u>Animals including humans</u>	Insects, birds, fish, beak, wings, wild, pets, adult, baby, exercise, grow, sick, walk, run, hear, see, smell, feel, egg, chick, caterpillar, butterfly, frog spawn, frog, claws, paws, spots, stripes, old, young, family, big/tall, short/small, skin, eyes, hair, fur, feathers, scales.	Fish, reptiles, mammals, birds, amphibians, herbivore, omnivore, carnivore, senses, wings, beak, survival, hibernate, nocturnal, adult, baby, young, offspring, reproduce, life cycle, exercise, hygiene, energy, dehydrate, germs, diet, pulse. Examples of each classification group.	Movement, muscles, tendons, joints, bones, skull, skeletons, nutrition, saturated fats, unsaturated fats, mouth, tongue, teeth, oesophagus, stomach, small intestine, large intestine, rectum, digest, producer, prey, predator, invertebrate, vertebrate, canine, incisor, molar, premolar.	Foetus, sperm, egg, womb, gestation, baby, toddler, teenager, elderly, fertilise, infancy, adolescence, adulthood, puberty, asexual/sexual reproduction, circulatory, heart, blood vessels, veins, arteries, oxygenated, deoxygenated, blood pressure, aorta, capillaries, pulmonary, kidneys, liver, drugs.
<u>Living things and their habitats</u>	Plant, tree, flower, vegetable, weed, animal, seeds, acorns, (name of a contrasting environment, e.g. beach, forest)	Living, non-living, dead, never have lived, habitat, micro-habitat, food chain, prey, predator, food source, conditions, light, dark, sunny, shady, damp, wet, hot, cold, shelter, move, feed, survive, names of living	Environment, human impact, population, deforestation, local, global, land development, danger, extinction, climate, classification, producer, predator, prey, consumer,	Life cycles, hatchlings, fledglings, development, larva, pupa, metamorphosis, species, genus, kingdom, bacteria, micro-organisms.

		things in the habitats studied.	migrate, hibernate.	
<u>Evolution and inheritance</u>	<i>From other units:</i> Family, mum, dad, aunty, uncle, brother, sister, granddad, grandma.	<i>From other units:</i> Similarities, differences, siblings, parents, grandparents.	<i>From other units:</i> Identical, different, physical characteristics, fossils, remains, adaptation, changes, survival, extreme, conditions, palaeontologist.	Offspring, identical, vary, variation, natural selection, evolution, evolve, species, adaptation, inherit, inheritance, genetics, fossils (body, trace, chemical), geologist, palaeontologist, archaeologist, sedimentary rock.
<u>Everyday materials</u>	Water, ice, melt, hot, cold, wood, plastic, metal, glass, brick, rock, paper	Wood, plastic, glass, paper, brick, fabric, metal, rock, hard, soft, bendy, rough, smooth, stretchy, stiff, dull, shiny, waterproof, absorbent, opaque, transparent, translucent, squashing, bending, twisting, stretching, elastic, foil, rubber.	<i>States of matter:</i> Solid, liquid, gas, water vapour, evaporation, freezing, melting, condensation, evaporation, particles, water cycle, temperature <i>Rocks and Soils:</i> Igneous, magma, lava, rock, soil, sedimentary, sediment, metamorphic, permeable, impermeable, limestone, chalk, granite, fossilisation, erosion, fossils (body, trace and chemical), palaeontologist, organic matter, minerals.	<i>All of year 3/4 states of matter vocabulary plus the following:</i> Electrical conductivity, flexibility, insulators, magnetism, solubility, thermal conductor, transparency, insoluble, sieve, filter, dissolve, reversible, irreversible, solution, hardness, mixing.
<u>Movement, forces and magnets</u>	Push, pull, fold, bend, twist.	<i>From other units:</i> Strong, fast, faster, fastest,	Forces, friction, surface, magnetic,	Force, mass, gravitational pull, weight, air

		slow, slower, slowest.	magnetic field, poles, attract, repel, non-contact force, north pole, south pole.	resistance, water resistance, buoyancy, friction, streamlined, mechanism, pulley, gear, cogs, levers, newtons.
<u>Light</u>	Bright, light, dark, sun, eyes, see, day, night, clouds, shine, glow, mirror.	Sight, senses, shiny, dull, see-through, not see-through, opaque, translucent, transparent, protect, burn, harmful.	Light, dark, source, absence of light, reflect, reflective, opaque, translucent, transparent, pupil, retina, shadow, mirror, dangerous	Prism, refraction, visible spectrum, straight lines, light rays, absorb, vacuum.
<u>Sound</u>	Ears, sound, noise, loud, quiet, listen, hear.	Volume, high, low, fast, slow, speed, examples of sound sources.	Sound wave, volume, pitch, distance, vibrations, soundproof, ear, eardrum, particles, travel, faint.	Amplitude, absorbing sound, vacuum, sound wave, soundproof.
<u>Electricity</u>	Plug, wire, battery, sound, light, move, electricity	Power, electricity, appliances, bulb, light, battery, cell, wire, safety, danger	Renewable, non-renewable, appliances, battery/cell, bulb, circuit, solar panels, fossil fuels, conductor, insulator, buzzer, motor, complete circuit, incomplete circuit, positive, negative.	Series circuit, symbol, current, amps, voltage, series, components, circuit diagram, symbols, static electricity.
<u>Seasonal changes & Earth and Space</u>	Star, sun, moon, world, day, night, year, hot, cold, weather, sky.	Earth, day, night, Autumn, Winter, Spring, Summer, seasons, weather, hot, cold, warm, dry, cloudy, rain, fog, snow, hail, thunder, lightning.	Planets, solar system, orbit, solar, astronomer.	Spherical, solar system, Milky Way, stars, planets, orbit, rotate, axis, astronomer, Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune.

