

	Plants	Animals Including Humans	Living Things and their Habitats	Materials	Light and Sound	Force and Electricity
<b>EYFS</b>	root, stem, leaf and flower	hibernate, minibeasts, farm animals (cow, sheep, chicken and pigs)				
<b>Year 1</b>	deciduous, evergreen, flower, shoot, germination, trunk, bark and seedling	fish, amphibians, reptiles, birds, mammals, carnivore, herbivore, omnivore, senses (smell, taste, touch, sight and hearing)		properties of materials: stretchy, stiff, shiny, dull, smooth, rough, bendy, waterproof and absorbent	four seasons: autumn, winter, spring and summer weather symbols, sunrise and sunset	
<b>Year 2</b>	bulb, seed dispersal, survival, reproduction, temperature and germination	survival features, offspring, lifestyle, hygiene, larva, pupa and egg	food chain, organism, energy, habitat, microhabitat, features, pond animals (water skater, pond snail, newt and ramshorn snail)	suitability of everyday materials, translucent, transparent, opaque reflective and absorbent		
<b>Year 3</b>	pollen, stigma, style, ovary, filament, anther and pollination	skeleton, muscles, tendons, nutrition, vertebrate, invertebrate and balanced diet		fossils, sedimentary, metamorphic and igneous rocks	shadows, reflection, light source and light travels	forces, push, pull. friction, repel, attract, surfaces, north and south pole
<b>Year 4</b>		incisors, canines, premolars, molars, wisdom, enzyme, oesophagus, acid, intestines, colon, rectum, producer, consumer, predator and prey	classification, flowering and non-flowering plants, environmental threats	matter, solid, liquid, gas, classify, variables, melting point, water vapour, evaporation, condensation, freezing, melting, reversible change	sound, vibration, sound wave, tuning fork, compression, refractions, vacuum, scale, force, data- loggers, decibels and pitch	electricity, energy, electrical appliances, series circuit, cell, wire, bulb, switch, buzzer, motor, complete, incomplete, conductor, insulator
<b>Year 5</b>		puberty, gestation, fertilisation, foetus and adolescent	asexual and sexual reproduction, fertilisation, ovary, ovules, gametes, stamen, stigma and sepal	mixture separation: filtering, sieving and evaporating reversible and irreversible changes, solution, soluble and insoluble	solar system, planets, moon phases, spherical bodies, orbit, rotation, axis, crater, geocentric and heliocentric model	forces: air and water resistance, gravity and friction Newtons, forcemeter, mechanisms, pulley, lever and gear
<b>Year 6</b>		circulatory system, arteries, veins, capillaries, pulse, chambers, valves, plasma and platelets	classification, kingdoms, microorganisms, Linnaean System of Classification	characteristics, evolution, adaptation, natural selection, offspring, inheritance and genes	refraction, absence of light and visible spectrum	electrical components, symbols, voltage