

Year 1/2 Cycle A

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Materials Monsters	Squash, Bend, Twist, and Stretch	Polar Places	Heathy Me	Young Gardener	Our Local Environment
absorbent / bend / brittle / bumpy / card / change / concrete / dull / elastic / fabric / flexible / glass / hard / man-made materials / metal / natural materials / opaque / paper / plastic / recycle / rough / rubber / shiny / smooth	bend / dough / elastic / pull / push / squash / squeeze / stretch/ twist	adventurer / Antarctic / Arctic / carnivore / clothes / cold / explorer / freeze / frozen / herbivore / ice / icebergs / North Pole / omnivore / penguin / polar bear / sea lion / seal / snow / South Pole / warm / waterproof / weather / whale	calm / calves / cough / exercise / feed / fitness / food / fruit / germs / happiness / health / healthy / hygiene /hygienic / muscle / needs / sneeze / stomach / thighs / vegetables	annual / compost / flower /fruit / germinate / germination / fruit / health / healthy / leaf / plant / root / seed / seedling / soil / stem / vegetable / properties / materials / bulb / leaves	live/ carnivore, dead/ food chain/ habitat/ herbivore/ micro-habitat/ never alive/ omnivore/ predator/ prey

Year 1/2 Cycle B

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Celebrations	Little Master Chef	On Safari	Who am I	Plants and Animals Where we live	Holiday
bark / battery / bright / bulb / candle / cool / dark / dull / fast / flame / flower / fruit / high / hot / leaf / leaves / light / liquid / loud / low / mirror / observe / plant / quiet / root / senses / shoot / slow / solid / texture / torch / wax / wick	bones / bread / change / chopping board / cook / dehydrate / digest / energy / fork fruit / frying pan / grow / heat / hot / hygiene / ingredients / knife / oven / rainbow / saucepan / spoon / strong / temperature / utensils / vegetables / whisk	abdomen / antennae / detritivore / exoskeleton / eyes / food chain / habitat / head / insect / invertebrate / jointed / key / legs / metamorphosis / pond / sections / thorax / vertebrate	backbone / chin / ears / elbow / eye socket / eyes / fingers / foot / feet / head / hear / hearing / hip / human / joints / knee / leg / neck / nose / ribs / see / senses / sight / smell / spine / taste / thigh / toes / tongue / touch /vertebrae / wrist	animals / birds / buds / feed / habitat / identify / leaves / live / nest / plants / sort / tree / twigs	animals / banded wedge shell/ beach / cockle / fish / habitat / limpet / mussel / periwinkle shell / pollution/ protect/ razor clam / recycle / rock pool / rubbish / sand / sea / shell / shell crab /Sun / sunglasses / sunscreen / turtles

Seasonal changes

autumn/ breezy/ changing/ chilly/ cloudy/ cool/ cooler/ darker/ fog/ fruits/ rainy/ warm/windy
bitter/ bright/ freeze/ freezing/ frost/ frosty/ gales/ heavy rain/ ice/snow/ stormy/ sunny/ winter
short/ long/ thin/ thick/ smooth/ bumpy/ knobbly
shiver/icicles/ slide/ slip/ howling wind/ torrential rain
blizzard/change/ clear/ coldest/ freezing point/ gritting/ icy/ liquid/ melt/ perishing/ scrape/ sledge/ sleet/ slide/ slip/ snowballs/ snowman/ solid
animals/ babies/ birds/ buds/ day length/ grow/ growth/ invertebrates/nest/ nesting/ spring/ temperature/ twigs/ warm/ warmer/
buds/ colourful flowers/ insects/ planting/
dry/ hot/ measuring/ natural art/ rainfall/ shadows/ summer/ sun/ sunburn/ suncream
day /night/

Year 3/4 Cycle A

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
What's that Sound (Y4)	Looking at the States (Y4)	Light and Shadows (Y3)	Forces and Magnets (Y3)	How does your Garden Grow? (Y3)	The Nappy Challenge (Y3)
pitch, sound source, vibration, volume	boiling point, boiling, condensing, evaporation, freezing, freezing point, gas, liquid, matter, material, melting, melting point, solid, temperature, thermometer, water cycle	dull, light source, mirror, opaque, reflect, shadow, shiny, translucent, transparent	attract, compass, contact, force, iron, magnet, magnetic, magnetic North, non-contact, non-magnetic, pole, repel	carpel, flower, germinate, leaves, life cycle, nutrients, ovary, ovule, petal, photosynthesis, pollen, pollination, root, root hairs, seed dispersal, sepals, stamen, stem, style, stigma, veins	absorb, absorbent, disposable, elastic, faeces, liquid, material, plastic, properties, waterproof

Year 3/4 Cycle B

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Rocks, Soils and Fossils (Y3)	Food and Our Bodies (Y3)	Teeth and Eating (Y4)	Living Things (Y4)	Power it Up (Y4)	The Big Build (y4)
mineral, rock, permeable, crystals, magma, sediment, sedimentary, humus, fossil, extinct, palaeontology, granite, igneous, metamorphic, soil, marble, sand, clay, limestone	balanced diet, biceps, carbohydrates, contract, relax, exoskeleton, fats, femur, humerus, joint, muscle, nutrients, protein, skeleton, triceps, vertebrate	anus, canine(s), carnivores, decay, digestion, enamel, energy, herbivore, incisor(s), large intestine, molar(s), mouth, nutrients, oesophagus, omnivores, small intestine, stomach	amphibian, bird, centipede, classify, fish, flowering plant, habitat, insect, invertebrate, key, mammal, organism, reptile, vertebrate	battery, bulb, cell, circuit, components, conductor, insulator, mains, rechargeable, switch, terminals, wires,	Structure, tower, materials, environment

Year 5 Cycle A and B

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Let's get Moving – Forces	Growing up Growing Old	Out of this World	Material World	Circle of Life	Amazing Changes
air resistance, force meter, friction, gravity, Newton, non-contact force, water resistance, weight	adolescence, adolescent, adult, arthritis, gestation period, life expectancy, menstruation, pregnant, puberty, teenager	daytime, geocentric, heliocentric, night-time, orbit, planet, rotate, revolve(ing) solar system, Sun, time zone,	dissolve, elastic, electrical conductor, evaporate, filter flexible, hard, insoluble, plastic, rigid, soluble, solute, solution, solvent, strong, thermal conductor, thermal insulator, tough	asexual reproduction, bulb, external fertilisation, fertilisation, gestation, internal fertilisation, larva, metamorphosis, pollination, sexual reproduction, sperm	Burning, irreversible chemical change, reversible physical change, rust

Year 6 Cycle A and B

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Healthy Bodies	Electricity	Evolution and Inheritance	The Titanic - Floating	Classifying Living Things	Light
addiction, aorta, artery, atrium, blood, capillaries, carbon dioxide, circulatory system, de-oxygenated, exercise, heart, lungs, nicotine, oxygen, oxygenated, pulse, respiration, vein, ventricles	battery, blow, cell, complete circuit, component, electrons, filament, fuse	adaptation, dinosaur, evolution, fossil, inherited, natural selection, prehistoric, variety	buoyancy, density, floating, hypothermia, sink, thermal insulation, upthrust	amphibian, bacteria, bird, fauna, fermentation, fish, flora, fungi, genus, insect, invertebrate, mammal, microbe, mushroom, organisms, reptile, species, toadstool, vertebrate	absorption, cornea, dispersion, iris, lens, light ray, pupil, refract, reflection, spectrum, symmetry, visible spectrum

