

Science Vocabulary

Year 1

Animals, Including Humans	
Previous Year Groups	New Vocabulary
	ears, nose, mouth, eyes, head, arms, legs, stomach, knee, foot, toe, hand, fingers, eye, eyebrow, eyelid, eyelash, brain, tongue, face, teeth, elbow, neck, human, fish, amphibian, reptile, bird, mammal, carnivore, herbivore, omnivore, environment, habitat, cold-blooded, warm-blooded, vertebrate, classify, invertebrate
Seasonal Change	
Previous Year Groups	New Vocabulary
	seasons, weather, spring, summer, autumn, winter, sun, clouds, rain, snow, thunder, lightning
Everyday Materials	
Previous Year Groups	New Vocabulary
	material, wood, plastic, glass, metal, water, rock, properties, hard/soft, strong/weak, stretchy/stiff, shiny/dull, rough/smooth, opaque/transparent, waterproof, absorbent, natural, man-made,
Plants	
Previous Year Groups	New Vocabulary
	wild plants, garden plants, deciduous trees, evergreen trees, leaves, flowers, petals, fruit, roots, bulbs, seeds, trunk, branches, stem, tree, bean
Earth and Space (Cycle A Only)	
Previous Year Groups	New Vocabulary
	star, planet, spherical, orbit, sun, earth

Year 2

Animals, Including Humans	
Previous Year Groups	New Vocabulary
ears, nose, mouth, eyes, head, arms, legs, stomach, knee, foot, toe, hand, fingers, eyelid, eyelash, brain, tongue, face, teeth, elbow, neck, human, fish, amphibian, reptile, bird, mammal, carnivore, herbivore, omnivore, environment, habitat, cold-blooded, warm-blooded, vertebrate, classify, invertebrate	offspring, adults, survival, exercise, hygiene, diet, disease, healthy, medicine, muscles, bones, skeleton, life cycle, fruit, vegetables, fat, dairy, sugar, heartbeat, nutrition, egg, pupa, spawn, wellbeing, mental health, medicine, nutrition
Living Things and Their Habitats	
Previous Year Groups	New Vocabulary
seasons, weather, spring, summer, autumn, winter, sun, clouds, rain, snow, thunder, lightning	living, dead, habitat, microhabitat, food chain, life processes, obtain, source, vegetation, biome
Uses of Everyday Materials	
Previous Year Groups	New Vocabulary
material, wood, plastic, glass, metal, water, rock, properties, hard/soft, strong/weak, stretchy/stiff, shiny/dull, rough/smooth, opaque/transparent, waterproof, absorbent, natural, man-made	brick, paper, cardboard, squashing, bending, twisting, stretching, suitable, unsuitable, manufactured, surface area, texture
Plants	
Previous Year Groups	New Vocabulary
wild plants, garden plants, deciduous trees, evergreen trees, leaves, flowers, petals, fruit, roots, bulbs, seeds, trunk, branches, stem, tree, bean	temperature, germination, survival, growth, reproduction, hydroponics, pollination, thermometer, nutrients
Earth and Space (Cycle A Only)	
Previous Year Groups	New Vocabulary
	star, planet, spherical, orbit, sun, earth

Animals, Including Humans	
Previous Year Groups	New Vocabulary
ears, nose, mouth, eyes, head, arms, legs, stomach, knee, foot, toe, hand, fingers, eyelid, eyelash, brain, tongue, face, teeth, elbow, neck, human, fish, amphibian, reptile, bird, mammal, carnivore, herbivore, omnivore, environment, habitat, cold-blooded, warm-blooded, vertebrate, classify, invertebrate offspring, adults, survival, exercise, hygiene, diet, disease, healthy, medicine, muscles, bones, skeleton, life cycle, fruit, vegetables, fat, dairy, sugar, heartbeat, nutrition, egg, pupa, spawn, wellbeing, mental health, medicine, nutrition	balanced diet, food group, vitamins, minerals, carbohydrates, protein, fibre, intolerance, allergy, skeleton, endoskeleton, exoskeleton, muscles, contract, relax, support, protect, tendon, organs, joint, ligaments
Plants	
Previous Year Groups	New Vocabulary
wild plants, garden plants, deciduous trees, evergreen trees, leaves, flowers, petals, fruit, roots, bulbs, seeds, trunk, branches, stem, tree, bean temperature, germination, survival, growth, reproduction, hydroponics, pollination, thermometer, nutrients	transported, formation, dispersal, anther, carbon dioxide, dissect, fertilisation, stigma, ovule, absorb, canopy, climate zone, oxygen
Light	
Previous Year Groups	New Vocabulary
	light, dark, reflected, shadow, light source, emit, dim, mirror, surface, bright, sunglasses, torch
Rocks	
Previous Year Groups	New Vocabulary
	rocks, formed, fossils, soil, organic, grains, crystals, sedimentary, metamorphic, igneous, erosion, sediment, magma, molten, permeable, porous, non-porous, preserve, weathered, mineral, geologist, volcano, decaying
Forces and Magnets	
Previous Year Groups	New Vocabulary
	force, attract, repel, magnetic, poles, direct contact, strength, friction, push, pull, surface, magnetic field, magnet, non-magnetic, resistance
Uses of Everyday Materials (Revision)	
Previous Year Groups	New Vocabulary
material, wood, plastic, glass, metal, water, rock, properties, hard/soft, strong/weak, stretchy/stiff, shiny/dull, rough/smooth, opaque/transparent, waterproof, absorbent, natural, man-made brick, paper, cardboard, squashing, bending, twisting, stretching, suitable, unsuitable, manufactured, surface area, texture	durability, rigid, elasticity, malleable, manipulated

Animals, Including Humans	
Previous Year Groups	New Vocabulary
<p>ears, nose, mouth, eyes, head, arms, legs, stomach, knee, foot, toe, hand, fingers, eyelid, eyelash, brain, tongue, face, teeth, elbow, neck, human, fish, amphibian, reptile, bird, mammal, carnivore, herbivore, omnivore, environment, habitat, cold-blooded, warm-blooded, vertebrate, classify, invertebrate</p> <p>offspring, adults, survival, exercise, hygiene, diet, disease, healthy, medicine, muscles, bones, skeleton, life cycle, fruit, vegetables, fat, dairy, sugar, heartbeat, nutrition, egg, pupa, spawn, wellbeing, mental health, medicine, nutrition</p> <p>balanced diet, food group, vitamins, minerals, carbohydrates, protein, fibre, intolerance, allergy, skeleton, endoskeleton, exoskeleton, muscles, contract, relax, support, protect, tendon, organs, joint, ligaments</p>	<p>digest, saliva, enzymes, oesophagus, stomach, small intestine, large intestine, absorb, rectum, anus, excretion, faeces, pancreas, undigested, incisor, canine, molar, enamel, decay, liver, nutrition, athlete, fat, nutrients, increased, preference, requirements, endurance</p>
Living Things and Their Habitats	
Previous Year Groups	New Vocabulary
<p>seasons, weather, spring, summer, autumn, winter, sun, clouds, rain, snow, thunder, lightning</p> <p>living, dead, habitat, microhabitat, food chain, life processes, obtain, source, vegetation, biome</p>	<p>organism, food web, respiration, sensitivity, classification key, selection, ecological, producer, predator, prey, classify, marine, environment</p>
States of Matter	
Previous Year Groups	New Vocabulary
<p>material, wood, plastic, glass, metal, water, rock, properties, hard/soft, strong/weak, stretchy/stiff, shiny/dull, rough/smooth, opaque/transparent, waterproof, absorbent, natural, man-made</p> <p>brick, paper, cardboard, squashing, bending, twisting, stretching, suitable, unsuitable, manufactured, surface area, texture</p> <p>durability, rigid, elasticity, malleable, manipulated</p>	<p>solid, liquid, gas, Celsius, degrees, evaporation, condensation, water cycle, substance, change state, freezing point, freezing, particles, vapour, melting, vibrating, state</p>
Sound	
Previous Year Groups	New Vocabulary
	<p>vibration, medium, pitch, volume, source, instrument, amplitude, frequency, wavelength, echo, reflection, absorption, decibel, energy, tone, pluck, blow, insulation, oscilloscope, transmit, soundwave</p>
Electricity	
Previous Year Groups	New Vocabulary
	<p>appliance, series circuit, cell, wire, bulb, switch, buzzer, motor, complete circuit, conductor, insulator, precaution, component, power, current, electricity</p>

Animals, Including Humans	
Previous Year Groups	New Vocabulary
<p>ears, nose, mouth, eyes, head, arms, legs, stomach, knee, foot, toe, hand, fingers, eyelid, eyelash, brain, tongue, face, teeth, elbow, neck, human, fish, amphibian, reptile, bird, mammal, carnivore, herbivore, omnivore, environment, habitat, cold-blooded, warm-blooded, vertebrate, classify, invertebrate</p> <p>offspring, adults, survival, exercise, hygiene, diet, disease, healthy, medicine, muscles, bones, skeleton, life cycle, fruit, vegetables, fat, dairy, sugar, heartbeat, nutrition, egg, pupa, spawn, wellbeing, mental health, medicine, nutrition</p> <p>balanced diet, food group, vitamins, minerals, carbohydrates, protein, fibre, intolerance, allergy, skeleton, endoskeleton, exoskeleton, muscles, contract, relax, support, protect, tendon, organs</p> <p>digest, saliva, enzymes, oesophagus, stomach, small intestine, large intestine, absorb, rectum, anus, excretion, faeces, pancreas, undigested, incisor, canine, molar, enamel, decay, liver, nutrition, athlete, fat, nutrients, increased, preference, requirements, endurance</p>	<p>growth, development, puberty, gestation, adolescence, infancy, life expectancy, reproduction, foetus, adult, child, prenatal, fertilisation, pregnant, conception, ancestor, genitals, menstruation</p>
Living Things and Their Habitats	
Previous Year Groups	New Vocabulary
<p>seasons, weather, spring, summer, autumn, winter, sun, clouds, rain, snow, thunder, lightning</p> <p>living, dead, habitat, microhabitat, food chain, life processes, obtain, source, vegetation, biome</p> <p>organism, food web, respiration, sensitivity, classification key, selection, ecological, producer, predator, prey, classify, marine, environment</p>	<p>insect, reproduction, sexual reproduction, asexual reproduction, embryo, cell, mature, ovary, ovule, ovulate, metamorphosis</p>
Properties and Changes of Materials	
Previous Year Groups	New Vocabulary
<p>material, wood, plastic, glass, metal, water, rock, properties, hard/soft, strong/weak, stretchy/stiff, shiny/dull, rough/smooth, opaque/transparent, waterproof, absorbent, natural, man-made</p> <p>brick, paper, cardboard, squashing, bending, twisting, stretching, suitable, unsuitable, manufactured, surface area, texture</p> <p>durability, rigid, elasticity, malleable, manipulated</p> <p>solid, liquid, gas, Celsius, degrees, evaporation, condensation, water cycle, substance, change state, freezing point, freezing, particles, vapour, melting, vibrating, state</p>	<p>hardness, solubility, transparency, conductivity, reaction, alkaline, filtering, sieving, dissolving, reversible, acid, insulation, irreversible, translucent, neutral, pH scale</p>
Earth and Space	
Previous Year Groups	New Vocabulary
<p>star, planet, spherical, orbit, sun, Earth</p>	<p>solar system, moon, celestial, rotation, axis, geocentric, heliocentric, calibrated, astronomical, universe, Milky Way, eclipse, galaxy, asteroids, meteors, comets, time zones</p>
Forces	
Previous Year Groups	New Vocabulary
<p>force, attract, repel, magnetic, poles, direct contact, strength, friction, push, pull, surface, magnetic field, magnet, non-magnetic, resistance</p>	<p>unsupported, gravity, thrust, resistance, mechanism, lever, pulley, gear, gravitational pull, mass, balanced force, unbalanced force, Newton, drive force, weight</p>

Animals, Including Humans	
Previous Year Groups	New Vocabulary
<p>ears, nose, mouth, eyes, head, arms, legs, stomach, knee, foot, toe, hand, fingers, eyelid, eyelash, brain, tongue, face, teeth, elbow, neck, human, fish, amphibian, reptile, bird, mammal, carnivore, herbivore, omnivore, environment, habitat, cold-blooded, warm-blooded, vertebrate, classify, invertebrate</p> <p>offspring, adults, survival, exercise, hygiene, diet, disease, healthy, medicine, muscles, bones, skeleton, life cycle, fruit, vegetables, fat, dairy, sugar, heartbeat, nutrition, egg, pupa, spawn, wellbeing, mental health, medicine, nutrition</p> <p>balanced diet, food group, vitamins, minerals, carbohydrates, protein, fibre, intolerance, allergy, skeleton, endoskeleton, exoskeleton, muscles, contract, relax, support, protect, tendon, organs</p> <p>digest, saliva, enzymes, oesophagus, stomach, small intestine, large intestine, absorb, rectum, anus, excretion, faeces, pancreas, undigested, incisor, canine, molar, enamel, decay, liver, nutrition, athlete, fat, nutrients, increased, preference, requirements, endurance</p> <p>growth, development, puberty, gestation, adolescence, infancy, life expectancy, reproduction, foetus, adult, child, prenatal, fertilisation, pregnant, conception, ancestor, genitals, menstruation</p>	<p>circulatory system, heart, lungs, blood vessels, blood, lifestyle, drugs, aorta, vena cava, artery, vein, capillaries, atrium, ventricle, pulse, respiration, oxygenated, deoxygenated, lactic acid, transported, platelets, plasma, red blood cells, white blood cells</p>
Living Things and Their Habitats	
Previous Year Groups	New Vocabulary
<p>seasons, weather, spring, summer, autumn, winter, sun, clouds, rain, snow, thunder, lightning</p> <p>living, dead, habitat, microhabitat, food chain, life processes, obtain, source, vegetation, biome</p> <p>organism, food web, respiration, sensitivity, classification key, selection, ecological, producer, predator, prey, classify, marine, environment</p> <p>insect, reproduction, sexual reproduction, asexual reproduction, embryo, cell, mature, ovary, ovule, ovulate, metamorphosis</p>	<p>species, algae, subdivided, bacteria, virus, fungi, taxonomy, micro-organism, characteristics, classification, criteria</p>
Light	
Previous Year Groups	New Vocabulary
<p>light, dark, reflected, shadow, light source, emit, dim, mirror, surface, bright, sunglasses torch</p>	<p>beam, ray, phenomena, angle of incidence, angle of reflection, angle, cast, refraction, iris, pupil, cornea, retina, optic nerve, sclera, lens, vision,</p>
Rocks	
Previous Year Groups	New Vocabulary
<p>rocks, formed, fossils, soil, organic, grains, crystals, sedimentary, metamorphic, igneous, erosion, sediment, magma, molten, permeable, porous, non-porous, preserve, weathered, mineral, geologist, volcano, decaying</p>	<p>evolution, adaptation, inhabited, variation, palaeontologist, naturalist, species, extinct, prehistoric, generation, inheritance, characteristics, survival, identical, natural selection, mutation</p>
Electricity	
Previous Year Groups	New Vocabulary
<p>appliance, series circuit, cell, wire, bulb, switch, buzzer, motor, complete circuit, conductor, insulator, precaution, component, power, current, electricity</p>	<p>voltage, ammeter, amp, variation, symbols, generator, filament, resistor, battery, current</p>