

Science Curriculum Key Vocabulary 2022-23

Year 3	Year 4	Year 5	Year 6
<p style="text-align: center;">Rocks</p> <p>rock, stone, pebble, boulder, grain, crystals, layers, hard, soft, texture, absorbs water, fossil, bone, flesh, minerals, marble, chalk, granite, sandstone, slate, types of soil (e.g. peaty, sandy, chalky, clay)</p>	<p style="text-align: center;">Electricity</p> <p>electricity, electrical appliance/device, mains, plug, electrical circuit, complete circuit, component, cell, battery, positive, negative, connect/connections, loose connection, short circuit, crocodile clip, bulb, switch, buzzer, motor, conductor, insulator, metal, non-metal, symbol</p>	<p style="text-align: center;">Properties and changes of materials</p> <p>thermal insulator/conductor, change of state, mixture, dissolve, solution, soluble, insoluble, filter, sieve, reversible/non-reversible change, burning, rusting, new material</p>	<p style="text-align: center;">Light</p> <p>light, light source, dark, absence of light, surface, shadow, reflect, mirror, Sun, sunlight, dangerous, straight lines, lights rays</p>
<p style="text-align: center;">Forces</p> <p>force, push, pull, twist, contact force, non-contact force, magnetic force, magnet, strength, bar magnet, ring magnet, button magnet, horseshoe magnet, attract, repel, magnetic material, metal, iron, steel, poles, north pole, south pole</p>	<p style="text-align: center;">Sound</p> <p>sound, source, vibrate, vibration, travel, pitch (high, low), volume, faint, quiet, loud, insulation</p>	<p style="text-align: center;">Earth and Space</p> <p>Sun, Moon, Earth, planets (Mercury, Jupiter, Saturn, Venus, Mars, Uranus, Neptune), spherical, Solar System, rotate, star, orbit</p>	<p style="text-align: center;">Electricity</p> <p>Bulb, switch, buzzers, motor, conductor, insulator, circuit diagram, circuit symbol, voltage</p>
<p style="text-align: center;">Light</p> <p>light, light source, dark, absence of light, surface, shadow, reflect, mirror, Sun, sunlight, dangerous</p>	<p style="text-align: center;">States of Matter</p> <p>solid, liquid, gas, heating, cooling, state change, melting, freezing, melting point, boiling, boiling point, evaporation, condensation, temperature, water cycle</p>	<p style="text-align: center;">Forces</p> <p>force, gravity, Earth, air resistance, water resistance, friction, mechanisms, simple machines, levers, pulleys, gears</p>	<p style="text-align: center;">Animals including humans</p> <p>heart, pulse, rate, pumps, blood, blood vessels, transported, lungs, oxygen, carbon dioxide, cycle, circulatory system, diet, drugs, lifestyle</p>
<p style="text-align: center;">Animals including humans</p> <p>nutrition, nutrients, carbohydrates, sugars, protein, vitamins, minerals, fibre, fat, water, skeleton, bones, muscles, joints, support, protect, move, skull, ribs, spine</p>	<p style="text-align: center;">Living things and their habitats</p> <p>classification, classification keys, environment, habitat, human impact, positive, negative, migrate, hibernate</p>	<p style="text-align: center;">Animals including humans</p> <p>Puberty, menstruation, periods, oestrogen, womb, larynx, facial hair, growth spurt, hormones (further list found in PSHE vocabulary)</p>	<p style="text-align: center;">Evolution</p> <p>offspring, sexual reproduction, vary, characteristics, adapted, inherited, species, evolve, evolution</p>
<p style="text-align: center;">Plants</p> <p>photosynthesis, pollen, insect/wind pollination, male, female, seed formation, seed dispersal (wind dispersal, animal dispersal, water dispersal), air, nutrients, minerals, soil, absorb, transport</p>	<p style="text-align: center;">Animals including humans</p> <p>digestive system, digestion, mouth, teeth, saliva, oesophagus, stomach, small intestine, large intestine, rectum, anus, incisor, canine, molar, premolar, herbivore, carnivore, omnivore, producer, predator, prey</p>	<p style="text-align: center;">Living things and their habitats</p> <p>life cycle, reproduce, sexual, sperm, fertilises, egg, live young, metamorphosis, asexual, plantlets, runners, cuttings</p>	<p style="text-align: center;">Living things and their habitats</p> <p>vertebrates, fish, amphibians, reptiles, birds, mammals, warm-blooded, cold-blooded, invertebrates, insects, spiders, snails, worms, flowering, non-flowering, mosses, ferns, conifers</p>