

### Science Vocabulary Overview 2021-22

|              | Discover   | Explore   | Create   | Discover   | Explore  | Create  |
|--------------|--|---|--|--|--|---|
|              | Term 1   | Term 2  | Term 3   | Term 4   | Term 5   | Term 6  |
| Year 1 and 2 | Who am I?  | Celebrations  | Polar places   | Plants and animals where we live   | On safari  | Holiday   |
|              | backbone, ear lobe, elbow, eye socket, hips, joints, ribs, thigh, tongue, vertebrae, nail        | illuminate, light source, opaque, reflect, translucent, transparent, shadow, sound, source of sound, vibration  | Antarctic, Arctic, carnivore, flexible, habitat, herbivore, omnivore, waterproof   | amphibians, animal, birds, fish, flowers, habitat, identify, mammal, plant, reptile, stem, tree  | abdomen, antennae, detritivore, exoskeleton, food chain, habitat, head, insect, invertebrate, thorax, vertebrate                         | habitat, marine biologist, pollution, sunburn                               |
| Year 3 and 4 | What's that sound?   | Living things   | Looking at states  | Teeth and eating   | Power it up  | The big build   |
|              | pitch, sound source, vibration, volume   | centipede, classify, flowering key, organism, vertebrate  | boiling point, boiling, condensing, evaporation, freezing, freezing point, gas, liquid, matter, material, melting, melting point, solid, temperature, thermometer, water cycle | anus, canine, canines, carnivores, decay, digestion, enamel, energy, herbivore, incisor, incisors, large intestine, molar, molars, mouth, nutrients, oesophagus, omnivores, small intestine, stomach | battery, bulb, cell, circuit, components, conductor, insulator, mains, rechargeable, switch, terminals, wires                            | structure, tower  |
| Year 5       | Out of this world  | Material World  | Circle of Life   | Let's get moving   | Growing up and growing old   | Amazing changes   |
|              | daytime, geocentric, heliocentric, night-time, orbit, planet, solar system, star, sun, time zone | dissolve, elastic, electrical conductor, evaporate, filter, insoluble, mixture, plastic, 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            | air resistance, force meter, friction, gravity, Newton, non-contact force, reliable, water resistance, weight  | adolescence, adolescent, adult, arthritis, gestation period, life expectancy, menstruation, pregnant, puberty, teenager                  | burning, irreversible / chemical change, reversible / physical change, rust |
| Year 6       | Classifying living things  | Healthy bodies  | Evolution and inheritance  |  | Electricity<br>Light   | The Titanic   |
|              | bacteria, fauna, fermentation, flora, fungi, genus, microbe, mushroom, species, toadstool,       | Addiction, aorta, artery, atrium, blood, capillaries, carbon dioxide, circulatory system, de-oxygenated, exercise, heart, lungs, nicotine, oxygen, oxygenated, pulse, respiration, vein, ventricles | Adaptation, dinosaur, evolution, fossil, inherited, natural selection, prehistoric, variety  |  | Cornea, iris, lens, light ray, pupil, rainbow, reflection, symmetry, Battery, blow, cell, complete, component, electrons, filament, fuse | Buoyancy, density, hypothermia, iceberg, thermal insulation, upthrust       |