Science Vocabulary Overview

Rec UTW – The Natural World	**Autumn** World, environment, nature, local area, home, school, community, observe, notice, explore, investigate, question, wonder, plant, flower, tree, leaf, root, seed, animal, insect, bird, pet, habitat, living, alive, grow, need, water, food, shelter, natural, man-made, object, material, wood, stone, metal, plastic, compare, same, different, change, season, weather, care, protect, recycle, litter, pollution, healthy, safe, because, why, how	**Spring** Grow, growing, changing, life cycle, baby, child, adult, old, young, seed, bulb, plant, flower, hatch, develop, alive, seasons, spring, summer, autumn, winter, weather, pattern, repeat, sequence, compare, observe, notice, change over time, before, after, past, present, now, then, bigger, smaller, taller, shorter, older, younger	**Summer** Similar, different, same, compare, observe, notice, investigate, change, pattern, living, non-living, animal, plant, habitat, environment, grow, growth, life cycle, needs, water, food, shelter, seed, flower, tree, insect, bird, mammal, object, material, wood, plastic, metal, glass, fabric, hard, soft, rough, smooth, waterproof, place, location, community, family, tradition, celebration, culture, belief, festival, similar, difference, because, explain, predict, season, weather, change over time, natural, man-made	
Yr 1	**Animals inc. Humans** Amphibians, birds, fish, mammals, reptiles, carnivores, herbivore, omnivore, sight, hearing, touch, taste, smell, head, neck, ear, mouth, shoulder, hand, fingers, leg, foot, thumb, eye, nose, knee, toes, teeth, elbow	**Materials** Hard, soft, stretchy, stiff, shiny, dull, rough, smooth, bendy/not bendy, waterproof/not waterproof, absorbent, opaque	**Plants** Leaf, flower, petal, fruit, root, seed, trunk, branch, stem, bark	**Seasonal Change** Season, Spring, Summer, Autumn, Winter, weather, sunrise, sunset
Yr 2	**Animals inc. Humans** Offspring, reproduction, growth, exercise, breathing, hygiene, germs, disease	**Living Things and their Habitats** Living, dead, never been alive, habitat, micro-habitat, food chain	**Plants** Bulb, seed, plant, flower, germinate, seedling, bud, fruit, berry, root	**Materials** Waterproof, fabric, twisting, squashing, bending, transparent, translucent, opaque, flexible, rigid, reflective, absorbent

Yr 3	**Animals inc. Humans** Nutrients, nutrition, carbohydrates, protein, fats, vitamins, minerals, water, fibre, skeleton, bones, joints, endoskeleton, exoskeleton, hydrostatic skeleton, vertebrates, invertebrates, muscles, contract, relax		**Forces** Force, magnet, magnetic force, attract, repel, poles, contact force, non-contact force	**Rocks** Rock, fossil, soil, sedimentary, metamorphic, igneous,	**Plants** Roots, stem, trunk, leaves, photosynthesis, pollen, pollination, seed formation, seed dispersal, germination	**Light** Light, dark, light source, transparent, translucent, opaque, shadow, reflect, mirror
Yr 4	**Electricity** Electricity, electrical appliance, mains, electrical circuit, cell, battery, electrical component, switch, conductor, insulator	**States of Matter** Change of state, melting, melting point, boiling point, evaporation, condensation, water cycle, temperature	**Sound** Sound, sound source, vibration, pitch, volume, sound insulation	**Living things and their habitats** Classification, classification key, environment, habitat, migrate, hibernate, vertebrates, invertebrates	**Animals inc. Humans** Herbivore, Carnivore, omnivore, predator, prey, Digestive system, tongue, mouth, teeth, oesophagus, stomach, gall bladder, small intestine, pancreas, large intestine, liver, tooth, canine, incisor, molar, premolar, producer, consumer.	
Yr 5	**Properties and changes of Materials** Material, conductor, dissolve, insoluble, evaporation, filtering, gas, suspension, chemical, physical, irreversible, solution, reversible, liquid, separate, mixture, insulator, transparent, flexible, permeable, soluble, property, magnetism, hard, melting, sieving, thermal.		**Forces** Force, push, pull, opposing, gravity, air resistance, water resistance, friction, streamline, brake, gear, mechanism, lever, cog, pulley, machine, Earth	**Earth and Space** Earth, Sun, Moon, (Mercury, Jupiter, Saturn, Venus, Mars, Uranus, Neptune), spherical, solar system, rotates, star, orbit, planets, planets, day, night, axis.	**Living things and their habitats** Sexual, asexual, reproduction, cell, fertilisation, pollination, male, female, pregnancy, gestation, mammal, metamorphosis, amphibian, insect, egg, embryo, bird, plant, anther, dispersal, filament, ovule, larva, stamen, life cycle, reproduce, sperm, live young, asexual, plantlets, runners, bulbs, cuttings	**Animals inc. Humans** Puberty, life cycle, life span, gestation, species, growth, reproduction, foetus, hormones, menstruation, oestrogen, testosterone, offspring, embryo, baby, fertilisation, toddler, child, adult, old age, life expectancy, adolescence, childhood, adulthood, uterus

Yr 6	**Electricity** Circuit, circuit symbol, circuit diagram, cell, battery, switch, voltage	**Light** Light source, Straight lines, light ray, reflect, shadow	**Living Things and their Habitats** Vertebrate, invertebrate, fish, amphibian, reptile, bird, mammal, plants	**Animals inc. Humans** Oxygenated, Deoxygenated, Valve, Exercise, Respiration Circulatory system, heart, lungs, blood vessels, blood, artery, vein, pulmonary, alveoli, capillary, digestive, transport, gas exchange, villi, nutrients, water, oxygen, alcohol, drugs, tobacco.	**Evolution and Inheritance** Evolution, offspring, inherited, characteristics, variation, adapted, environment, species, fossil