

Berrybrook Primary School Long Term

Science Vocabulary 2022 - 2023

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Terrific for Twos	Fill, empty, pour, mix, feel, taste, sand, water, messy, big, small					
Nursery	Explore, soft, shiny, hard, smooth, paper, cardboard, large, investigate, predict, test, more, less, heavy, light					
Reception	Investigate, magnetic, senses, battery, season, changes, plastic, equipment, magnify, solid, electric, texture, liquid, season, names, materials, metal, magnify					
Year 1	Animals, including humans Fish, reptiles, mammals, birds, amphibians, herbivore, carnivore, omnivore, head, ear, eye, mouth, nose, leg, knee, arm, elbow, back, wings, beak	Seasonal Changes Autumn & Winter Autumn, winter, season, Moon, night, light, dark, weather, weather conditions	Everyday Materials Material, wood, plastic, glass, paper, fabric, metal, rock, hard, soft, smooth, shiny, rough, bendy, flexible	Plants: Parts of a Plant Evergreen, deciduous trees, branches, trunk, leaves, flowers, blossom, petals, fruit, roots, bulb, seed, stem	Seasonal Changes Spring & Summer Spring, Summer, season, Moon, night, light, dark, weather, weather conditions	Scientists and Inventors Invent, explore, scientist, develop, testing, invention, plus names of Scientists you are studying
Year 2	Animals Including Humans: Growing and Changing Survival, water, air, oxygen, food, adult, baby, offspring, kitten, calf, puppy, foal, exercise, hygiene, species, mammals	Living Things and their Habitats: Habitats and Food Chains Living, dead, habitat, micro-habitat, energy, food chain, prey, predator, woodland, pond, desert, reptiles, insects, fish, reptiles, amphibians	Use of Everyday Materials Stiff, shiny, dull, rough, smooth, waterproof, absorbent, transparent, opaque, brick, fabric, foil, squashing, bending, twisting, stretching, elastic, suitability, variety	Scientists and Inventors Invent, explore, scientist, develop, testing, invention, plus names of Scientists you are studying	Plants: Conditions for Growth Seeds, bulb, water, light, temperature, growth, Revise roots, stem, leaves petals from Y1, Growth, conditions, flowers, wild, soil,	The Environment Damage, weather, environment, adapting, observations, changes,

Year 3	Light Light, dark, blocking, mirror, reflective, absence, reflection, dangerous, protection, transparent, shadows, opaque, translucent, reflected, retina	Scientists and Inventors Invent, discover, adapt, explore, scientist, develop, testing, invention, plus names of Scientists you are studying	Forces and Magnets Force, push, pull, contract, magnetic, attract, repel, poles (north/south), friction, resistance, movement, propel, positive, negative	Rocks Sandstone, limestone, granite, marble, pumice, slate, crystals, properties, permeable/ impermeable, hardness, sedimentary, igneous, metamorphic, fossils, soil, organic matter, fragments, geologists, classification	Animals, including humans: Skeletons Bones, muscles, skull, ribs, skeleton, support, protection, movement, herbivore, carnivore, omnivore, teeth, nutrition, organs, delicate, tissues,	Plants: Lifecycle of Plants Air, light, water, soil, nutrients, reproduction, seed formation, dispersal, germination, pollination, transportation, species, location (photosynthesis), seed dispersal
Year 4	Animals, including humans: Teeth and Eating Digestion, mouth, tongue, teeth, canine, incisor, molar, pre molar, oesophagus, stomach, small intestine, herbivore, carnivore, omnivore, salivary gland, rectum, duodenum, predator, prey, producer,	Electricity Cells (batteries), wires, switches, circuit, series, buzzers, bulbs, mains electricity, insulators, conductors,	Sound Volume, vibration, sound wave, loud, soft, high pitch, low pitch, tone, speaker, amplitude, frequency,	States of Matter Solid, liquid, gas, temperature, heating, freezing point, boiling point, particles, evaporation, condensation, thermometer, thermal insulation, state, water cycle, precipitation,	Scientists and Inventors Invent, discover, adapt, explore, scientist, develop, testing, invention, plus names of Scientists you are studying	Living things and their habitats: Classifying and Grouping Fish, reptiles, mammals, birds, amphibians, snails, slugs, worms, spiders, insects, environment, habitat, vertebrate, invertebrate, exo skeleton, adaptation,
Year 5	Animals, including humans: Growth Foetus, embryo, womb, gestation, baby, toddler, teenager, puberty, adolescent, adult, elderly, development, growth plus names of Scientists you are studying	Scientists and Inventors Invent, discover, adapt, explore, scientist, develop, testing, invention,	Properties and changes of materials Hardness, solubility, mixing, dissolving, melting, solution, solute, transparency, conductivity, magnetic, filter, filtration, evaporation, condensation, reacting, reactants	Forces Force, friction, Newton, gravity, newton meters, air resistance, water resistance, gears, pulleys, levers	Earth and Space Earth, sea, sun, moon, axis, planets, solar system, star, constellation, phases of the moon, waxing, waning, gibbous, moon, full moon	Living things and their habitats: Lifecycles Reproduction of mammal, bird, insect, amphibian, offspring, complete. Incomplete, metamorphosis, hatch
Year 6	Light Reflection, refraction, lens, light spectrum, colour, prism, rainbow, density, light source, shadows	Animals including Humans: The Circulatory System Heart, blood, circulatory system, blood vessels, veins, arteries, valves, oxygenated, deoxygenated, exercise, pulse,	Living Things and their Habitats: Micro Organisms Classification, mammals, birds, amphibians, fish, reptiles, insects, vertebrates, invertebrates, micro-	Evolution and Inheritance Fossils, adaptation, evolution, characteristics, reproduction, genetics, homasapien, primate, species, offspring, variations,	Electricity Revise year 4- Cells (batteries), wires, switches, circuit, series, buzzers, bulbs, mains electricity, insulators, conductors.	Scientists and Inventors Mary, Anning, Charles Darwin, palaeontologist, Alfred Wallace, evolution, Louis Pasteur, significance, scientists, discovery, pioneer, Carl Linnaeus, breakthrough

		respiration, nutrients, inhale, exhale	organisms, bacteria, fungi, categories,		Amps. Volts, voltage, diagram, symbols	
Working Scientifically Key Stage 1	Investigation, enquiry, what to change, what we used, what we did, what we found out					
Working Scientifically Key Stage 2	Investigation, enquiry, prediction, variable, dependent, variable, independent variable, constant, patterns, equipment, apparatus, method, results, conclusion					