

Whole School Science Vocabulary List

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 1	<u>Parts of the human body including senses</u> Touch, tastes, smell, sight, hearing Ankle, elbow, backbone, cheek, lobe, socket, hips, joint, nails, ribs, thigh, tongue, vertebrae, wrist	<u>Every day Materials & Seasonal Change</u> Waterproof, properties, flexible, opaque, transparent, translucent, absorbent, Bendy, Rough, Smooth		<u>Plants</u> Leaves, Petals, Roots, Bulb, Seed, Trunk, Branches, Stem, blossom, flowers, Deciduous, evergreen		<u>Types of Animals</u> Fish, Reptiles, Mammals, Birds, Amphibians, Insects (+ examples of each) Herbivore, Omnivore, Carnivore habitat, polar, arctic, Antarctic, herbivore, omnivore, carnivore, rock pool, sea shore, beach
Seasonal Changes <i>Summer, Autumn, Winter, Sun, Deciduous, evergreen, Night, Light, Dark</i>						
Working Scientifically Vocabulary	Question, answer, observe, observing, equipment, identify, sort, group, compare, differences, similarities, describe, measurements, test, results, secondary sources record – diagram, chart					
Year 2	<u>Life Cycle of Animals</u> Survive, Water, Food, Adult, exercise, offspring, air, water	<u>Habitats</u> Dead, alive, arctic herbivore, omnivore, carnivore, microhabitat, habitat, woodland, desert	<u>Use of everyday materials</u> Flexible, stretchy, stiff, dull, shiny, bendy, squashing, twisting, stretching, opaque, transparent, translucent	<u>Food Chains</u> Food chain, Predator, Prey, energy, Disease Living dead	<u>Plants</u> Seeds, Bulbs, Water, Light, Temperature, plants, Germinate, growth, disperse Grow	<u>Exercise and Food</u> Healthy fruit and vegetables carbohydrate, hygiene Balanced diet, fat, protein, dairy, Germs, hygienic, exercise
Working Scientifically Vocabulary	Question, answer, observe, observing, equipment, identify, sort, group, compare, differences, similarities, describe, measurements, test, results, secondary sources record – diagram, chart					

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Year 3	<u>Food and nutrition, skeleton</u> Movement, Muscles, Skull, Nutrition, Movement, Muscles, humus, biceps, exoskeleton, femur humerus, joint, triceps, vertebrate, balanced, carbohydrates, diet, protein	<u>Rocks and fossils</u> Igneous, Metamorphic, Sedimentary, Fossils, Sandstone, Granite, Marble, Pumice, Absorbent extinct, magma, palaeontologist, permeable, impermeable, lava rock, sediment, soil	<u>Light</u> Shadow, Mirror, Reflective, opaque, translucent, transparent	<u>Plants</u> <u>Nutrients</u> , <u>Reproduction</u> , <u>Transportation</u> , <u>Dispersal</u> , <u>Pollination</u> , <u>Pollinate</u> , <u>germinate</u>	<u>Forces and Magnets</u> Magnetic, Force, Contact, Attract, Repel, Friction, Poles, compass, iron, magnetic north, non-contact, non-magnetic	
Working Scientifically Vocabulary	Oral and written explanations, conclusion, predictions, criteria, classify, changes, data, contrast, evidence, improve, secondary sources, guides, keys, construct, interpret research – relevant question equipment – thermometer, data – gather, standard units, record, classify, present record – drawings, labelled diagrams, keys, bar charts, tables					
Year 4	<u>Food chains</u> Producer, Consumer, predator Scavenger, Web, vertebrates, invertebrates (+ 1 example of each) environment apex predator, decomposer omnivore Carnivore, herbivore,	<u>Classification of living things</u> Mammals Vertebrates, Invertebrates, Mollusc Environment organism, habitat, endangered	<u>Digestion</u> digestions, anus, nutrients, absorb, Oesophagus, Stomach, Small Intestine, Large Intestine,	<u>Teeth</u> Canine, Incisor, Molar enamel, , decay , <u>plaque</u>	<u>Electricity</u> Cells, Wires, Bulbs, Buzzers, Battery, Conductors, Insulators mains, switch, series circuit, wire appliances, components, decibels, rechargeable, terminal, renewable, fossil fuels.	<u>States of matter</u> Solid, Liquid, Gas, Evaporation, Condensation, Particles, Freezing, Heating, vibrate, vibration, thermometer water cycle, matter, boiling point, evaporate, freezing point, melting point

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Year 5	<u>Life Cycles and Reproduction</u> Reproduction, Offspring Foetus, Embryo, Womb, Gestation, Puberty, develop pollination, asexual reproduction, bulb, female, fertilisation, male, ovary, pollen, sperm, adolescence, puberty, teenager, sexual reproduction, gametes	<u>Earth and space</u> Earth, Sun, Moon, Axis, Rotation, , star, constellation orbit, solar system, heliocentric model, geocentric model	<u>Forces- gravity, friction, air/water resistance, mechanisms</u> Air resistance, Water resistance, Gravity, Newton, Gears, Pulley, reversible, Irreversible, reaction, <u>T4</u> Gears, pulley, lever, fulcrum, friction (again), resist, mechanism, accelerate, decelerate, mass	<u>Materials</u> Solubility, Transparency, Conductivity, Magnetic, Filter, Evaporation, Dissolving, flexible, rigid, electrical conductor, thermal conductor, filter, insoluble, mixture, resistant, soluble, solution, solvent		
Working Scientifically Vocabulary	Plan, variables, measurements, accuracy, precision, repeat readings, predictions, further comparative and fair test, identify, classify and describe, patterns, systematic, quantitative measurements report data – scientific diagrams, labels, classification keys, tables, scatter graphs, bar graph and line graphs report and present – conclusions, causal relationships, explanations, degree of trust, oral and written display and presentation evidence – support, refute, ideas or arguments biology, physics, chemistry					
Year 6	<u>Animals including humans- circulatory system</u> Circulatory, Vessels, Veins, Arteries, Oxygenated, Deoxygenated, Exercise, Ventricles, atrium, capillaries	<u>Visible Light</u> Refraction, Reflection, Rainbow, Colour, light ray, ray, spectrum	<u>Evolution and inheritance</u> Adaptation, Evolution, inheritance, Characteristics, Genetics, offspring, natural selection, trait	<u>Electricity</u> Voltage, Electrical component, current, electrons, series circuit, parallel circuit, cells	<u>Working Scientifically</u> See Below	<u>Living Things and Habitats</u> environment kingdoms, fungi, microbe, bacteria, classification, Environment organism, endangered

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