

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>	<u>Rocks and fossils</u>	<u>Light</u>	<u>Plants</u>	<u>Forces and Magnets</u>	
	Movement, Muscles, Skull, Nutrition, Movement, Muscles, humus, biceps, exoskeleton, femur humerus, joint, triceps, vertebrate, balanced, carbohydrates, diet, protein	Igneous, Metamorphic, Sedimentary, Fossils, Sandstone, Granite, Marble, Pumice, Absorbent extinct, magma, palaeontologist, permeable, impermeable, lava rock, sediment, soil	Shadow, Mirror, Reflective, opaque, translucent, transparent	<u>Nutrients</u> , , Reproduction, Transportation, Dispersal, <u>Pollination</u> , <u>Pollinate</u> , <u>germinate</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>	<u>Classification of living things</u>	<u>Digestion</u>	<u>Teeth</u>	<u>Electricity</u>	<u>States of matter</u>
	Producer, Consumer, predator Scavenger, Web, vertebrates, invertebrates (+ 1 example of each) environment apex predator, decomposer omnivore Carnivore, herbivore,	Mammals Vertebrates, Invertebrates, Mollusc Environment organism, habitat, endangered	digestions, anus, nutrients, absorb, Oesophagus, Stomach, Small Intestine, Large Intestine,	Canine, Incisor, Molar enamel, , decay , plaque	Cells, Wires, Bulbs, Buzzers, Battery, Conductors, Insulators mains, switch, series circuit, wire appliances, components, decibels, rechargeable, terminal, renewable, fossil fuels.	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, casual 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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