Reginald Mitchell Primary School

Subject Specific Vocabulary

for

Science

Nursery Science Topic Vocabulary

Topic	Vocabulary			
Cycle A: Incredible Me **Cycle B: Super**	Body parts Mouth Head Body Neck Arms Eyebrows Eyelashes Legs	Elbows Knees Face Eyes Ears Teeth Body Healthy	Same Different Grow Big Small Baby Toddler Family Friends	Adult Senses Touch See Hear Smell Taste
Cycle A: Crazy Creations **Cycle B:Ticket to Ride**	Fireworks Diwali Bang/ whoosh/ crackle Texture Build Create Transport	Make Engine Drive Discuss Explain How things work	Environment Changes Grow Features Winter Weather	
Cycle A: Happily Ever After **Cycle B:Down in the Woods**	Plastic Paper Sponge Glass Rock Hard Soft	Stone Wood Straw Blow Wind Environment	Mixing Texture Animals Natural Changes	
Cycle A: What's your superpower? **Cycle B: To The Rescue**	Fly Change Adapt Help Medicine Doctor	Nurse Help Fire/burn Water Injections Operations	Body parts Questions Objects Different Same Seasons	Weather Grow Natural Man-made
Cycle A: Down on the Farm	Minibeasts Insect Habitat	Full Creatures Size	Animal Mother Baby	

Cycle B: Mad about Mini beasts	Wings Legs Creatures		Survive	
Cycle A: How does your Garden Grow? **Cycle B:Ready, Steady, Grow!**	Plant Seed Grow survive Natural Changes	Stone Wood Straw Blow Wind Environment	Soil Water Sun light Bulb Leaves roots	Earth Temperature Dark light
Working Scientifically	What can you see? What does it sound like? What does it smell like? What does it taste like? What does it feel like? What does it do? What is happening? How did it happen? What have we found out?			

Reception Science Topic Vocabulary

Topic	Vocabulary			
Marvellous Me	Body parts Mouth Head Body Neck Arms Eyebrows Eyelashes Legs	Elbows Knees Face Eyes Ears Teeth Body Healthy	Same Different Grow Big Small Baby Toddler	Adult Senses Touch See Hear Smell Taste
Our Wonderful World	Day Night Season Autumn Winter Spring Summer	Weather (all weather types) Grow Blossom Change		
A World of Pure Imagination	Float Sink Heavy Light shiny Dull Smooth	Rough Waterproof Full Empty		
A Magical Adventure	Plants Seeds Soil Earth Grow	Sun Light Water Temperature Dark	Stem Flower Petal Leaves Leaf Root	

			Branch Trunk	
All Creatures Great and Small	Life cycle Baby Adult Hatch Plant eater Herbivore	Meat eater Carnivore Omnivore Habitat Fossil Similar Different	Animal Creature Baby Mother Insect	Life cycle Farm animals
Let the Adventures Begin!	Plastic Paper Sponge Glass Rock Hard Soft	Stone Wood Straw Blow Wind Force		
Working Scientifically	What can you see? What does it sound like? What does it smell like? What does it taste like? What does it feel like? What does it do? What is happening? How did it happen? What have we found out?			

Science Curriculum Key Vocabulary Y1-Y6

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Animals including humans Fish, Reptiles, Mammals, Birds, Amphibians (+ examples of each) Herbivore, Carnivore, Omnivore Head, ear, eye, mouth, nose, leg, knee, arm, elbow, back, neck, face, teeth, hair Wings, beak	**Animals including humans** Survival, water, air,(oxygen) food, adult, baby, offspring, kitten, calf, puppy, foal Exercise, hygiene Types of food	**Animals including humans** Bones, muscles, skull, ribs, skeleton, support, protection, movement, herbivore, carnivore, omnivore, teeth, canine, incisor, molar, diet	**Animals including humans** Mouth, tongue, teeth, canine, incisor, molar, oesophagus, stomach, small intestine, large intestine, digestive system herbivore, carnivore, omnivore	**Animals including humans** Foetus, embryo, womb, gestation, baby, toddler, teenager, puberty, adolescent, adult, elderly, development, growth	**Animals including humans** Heart, Blood ,Circulatory system, blood vessels, veins, arteries, valves, oxygenated, deoxygenated, exercise, pulse, respiration, drugs
Plants Evergreen & deciduous trees, branches, trunk, leaves, flowers (blossom) petals, fruit, roots, bulb, seed, stem,	**Plants** Seeds, bulb, water, light, temperature, growth Revise roots, stem, leaves, petals from Y1	**Plants** Air, light, water, soil, nutrients, reproduction, seed formation, dispersal, germination, pollination, transportation, species, location (photosynthesis) Review Y2	**Living things and their habitats** Fish, Reptiles, Mammals, Birds, Amphibians, snails, slugs, worms, spiders, insects, environment, habitat, vertebrate, invertebrate, exo skeleton, adaptation Human impact – negative & positive	**Living things and their habitats** Reproduction of mammal, bird, insect and amphibian , offspring, complete / incomplete metamorphosis, hatch	**Living things and their habitats** Classification, mammals, birds, amphibians, fish, reptiles, insects vertebrates, invertebrates, micro-organisms, bacteria, fungi
Everyday Materials Material, wood, plastic, glass, paper, fabric, metal, rock, hard, soft, smooth, shiny, rough, bendy (flexible)	**Living things and their habitats** Living, dead, never been alive, habitat, micro-habitat energy, food chain, prey, predator woodland, pond, desert, seashore, ocean, rainforest	**Rocks & soils** Sandstone, limestone, granite, marble, pumice, slate, crystals, properties, permeable / impermeable, hardness, sedimentary, igneous, metamorphic, fossils, soil, organic matter, humus	**States of matter** Solid, liquid, gas, temperature, heating, freezing point, boiling point, particles, evaporation, condensation, Thermometer, thermal insulation, celsius (C)	**Properties & changes of materials** Hardness, solubility, mixing, dissolving, melting, Solution, solute, transparency, conductivity, magnetic, filter, filtration, evaporation, condensation, Reacting / reactants	**Evolution & Inheritance** Fossils, adaptation, evolution, characteristics, reproduction, genetics
Seasonal changes Summer, Spring, Autumn, Winter, Season, Sun, day, Moon, Night, light, dark, rain, wind, snow, frist, sleet, fog and cloud(y)	**Materials & their uses** As for Y1 + stiff, shiny, dull, rough, smooth, waterproof, absorbent, transparent, opaque, brick, fabric, foil, squashing, bending, twisting, stretching, elastic	**Light** Light, dark, shadows, blocking, mirror, reflect, reflective, reflection, absence of light Protect eyes from the sun	**Sound** Volume, vibration, sound wave, loud, soft, high pitch, low pitch, tone, speaker, (amplitude, frequency) travel, fainter, distance	**Earth & Space** Earth, sea, sun, moon, axis, planets, solar system, star, constellation, Phases of the moon, waxing, waning, gibbous moon, full moon	**Light** Reflection, refraction, lens, light spectrum, colour ,prism, rainbow, straight lines, shadow

		Forces & Magnets Force, push, pull, contact, magnetic, attract, repel, poles (north / south) Friction, resistance, surfaces	**Electricity** Cells (batteries) wires, switches, circuit, series (parallel, buzzers, bulbs, Mains electricity insulators, conductors	**Forces** Force, friction, Newton, Earth,gravity, newton meters, air resistance, water resistance, moving surfaces Gears, pulleys, levers	**Electricity** Cells, batteries, wires, bulbs, switches, buzzers, circuit, series/ parallel, conductors, insulators, amps, volts
Working scientifically **Question, prediction, method, variables, fair test, recording, report, conclude, evaluate (NC)** Investigation, enquiry, what to change, what we used, what we did, what we found out Investigation cycle, question, prediction, method answer, observe, observing, equipment, identify, classify, sort, group, record, diagram, chart, map data, compare, contrast, describe, biology, predict, method, results		**Working scientifically** **Question, prediction, method, variables, fair test, recording, report, conclude, evaluate (NC)** Investigation, investigation cycle enquiry, prediction, variable, dependent variable, independent variable, constant, patterns, equipment, apparatus, method, results, conclusion **Research** - relevant questions, scientific enquiry, comparative and fair test, systematic, careful observation, accurate measurements. **Equipment** - thermometer, data logger, **Data** - gather, record, classify, present **Plan** - variables, measurements, accuracy, precision, repeat readings, **Report data** - scientific diagrams, labels, classification keys, tables, scatter graphs, bar graph and line graphs, predictions, further comparative and fair test, **Report and present** - conclusions, causal relationship, explanations, degree of trust, oral and written display and presentation. **Evidence** - support, refute ideas or arguments identify, classify and describe patterns, systematic, quantitative, measurements.			