

Butterwick C of E Primary School Science Vocabulary

Milestone 1	Milestone 2	Milestone 3
<p>Working Scientifically</p> <p>Questions, Answers, Equipment, Gather, Measure, Record, Results, Sort, Group, Test, Explore, Observe, Compare, Describe, Similar/similarities, Different/differences, Egg timers, Ruler, Tape measure, Metre stick, Beaker, Pipette, Syringe, Pictogram, Tally chart, Block diagram, Venn diagram, Table, Chart, Order, Observe changes over time, Notice patterns, Link, Secondary sources, Hand lenses, Stop watch</p>	<p>Working Scientifically</p> <p>Variables, Control variable, Types of scientific enquiry, Identify, Classify, Order/rank, Comparative tests, Fair tests, Careful/systematic, Accurate, Observations, Evidence, Present Data/evidence/results, Keys, Bar charts, Conclusions, Prediction, Support/not support/refute, Thermometers, Data loggers, Magnifying glass, Microscope, Increase, Decrease, Appearance</p>	<p>Working Scientifically</p> <p>Independent variable, Dependent variable, Accuracy, Precision, Degree of trust, Classification keys, Scatter graphs, Line graphs, Causal relationship, Opinion/fact</p>
<p>Animals including humans</p> <p>Fish, Reptiles, Mammals, Birds, Amphibians (+ examples of each) Herbivore, Omnivore, Carnivore, Leg, Arm, Elbow, Head, Ear, Nose, Back, Wings, Beak, Survival, Water, Air, Food, Adult, Baby, Offspring, Kitten, Calf, Puppy, Exercise, Hygiene</p>	<p>Animals including Humans</p> <p>Movement, Muscle, Bone, Skull, Nutrition, Skeleton, Exoskeleton Mouth, Tongue, Teeth, Oesophagus, Stomach, Small Intestine, Large Intestine, Herbivore, Carnivore, Canine, Incisor, Molar, Carbohydrates, Protein, Triceps, Vertebrate, Joint, Decay, Digestion, Enamel,</p>	<p>Animals including Humans</p> <p>Foetus, Embryo, Womb, Gestation, Baby, Toddler, Teenager, Elderly, Growth, Development, Puberty, Circulatory, Heart, Lungs, Blood Vessels, Veins, Artery, Atrium, Capillaries, Ventricles, Oxygen, Pulse, Oxygenated, Deoxygenated, Valve, Exercise, Respiration, Sperm</p>
<p>Plants</p> <p>Deciduous, Evergreen trees, Leaves, Flowers (blossom), Petals, Fruit, Roots, Bulb, Seed, Trunk, Branches, Stem, Seeds, Bulbs, Water, Light, Temperature, Growth</p>	<p>Plants</p> <p>Air, Light, Water, Nutrients, Soil, Reproduction, Transportation, Dispersal, Pollination, Flower, Carpel, Germinate</p>	<p>Plants</p> <p>Evolve, Adaptation, Fungi, Photosynthesis, Species, Pistil, Ovary, Ovule, Pollen, Pollinate, Sepal,</p>

<p>Living Things and their Habitats Living, Dead, Habitat, Energy, Food chain, Predator, Prey, Woodland, Pond, Desert</p>	<p>Living Things and their Habitats Classify, Vertebrate, Fish, Amphibians, Reptile Bird, Mammal, Invertebrate, Snails, Slugs, Worms, Spiders, Insect, Environment, Habitats, Centipede, Flowering Plant, Organism,</p>	<p>Living Things and their Habitats Mammal, Reproduction, Insect, Amphibian, Bird, Offspring, Classification, Vertebrates, Invertebrates, Micro-organisms, Microbe, Amphibians, Reptiles, Mammals, Insects, Asexual Reproduction, Fertilisation, Metamorphosis,</p>
<p>Evolution and Inheritance Parents, Features, Similar, Different</p>	<p>Evolution and Inheritance Resemble, Features, Adapt, Adaptation, Environment, Fossils</p>	<p>Evolution and Inheritance Fossils, Adaptation, Evolution, Inheritance, Inherited, Natural Selection, Prehistoric, Characteristics, Reproduction, Genetics, Recessive, Dominant, Variety, Trait, Adolescence, Adolescent, Arthritis, Life Expectancy,</p>
<p>Investigate Materials/Matter Wood, Plastic, Glass, Paper, Water, Metal, Rock, Hard, Soft, Bendy, Rough, Smooth, Stretchy, Stiff, Shiny, Dull, Waterproof, Absorbent, Opaque, Transparent Brick, Paper, Fabrics, Squashing, Bending, Twisting, Stretching Elastic, Foil</p>	<p>Investigate Materials/Matter Solid, Liquid, Gas, Boiling, Evaporation, Condensation, Particles, Temperature, Freezing, Freezing Point, Heating Fossils, Soils, Sandstone, Granite, Marble, Pumice, Crystals, Absorbent. Impermeable, Permeable, Mineral, Sedimentary, Igneous, Metamorphic</p>	<p>Investigate Materials/Matter Hardness, Solubility, Insoluble, Solvent, Transparency, Conductor, Conductivity, Magnetic, Filter, Evaporation, Dissolving, Mixing, Buoyancy, Density, Float, Hypothermia, Iceberg, Thermal Insulation, Upthrust</p>
<p>Light Light, Flames, Travels, Electric, Day, Night</p>	<p>Light Light, Shadows, Mirror, Reflective, Dark, Reflection</p>	<p>Light Refraction, Reflection, Light, Spectrum, Rainbow, Colour,</p>
<p>Sound Hear, Sound, Ears, Recognise</p>	<p>Sound Volume, Vibrate, Vibration, Wave, Pitch, Tone, Speaker, Decibels, Sound Source,</p>	<p>Sound Pitch, Vibration, Fainter</p>

<p style="text-align: center;">Forces Move, Faster, Slower</p>	<p style="text-align: center;">Forces Magnet, Magnetic, Force, Contact, Attract, Repel, Friction, Poles, Push, Pull, Compass, Contact, Non-Contact, Iron,</p>	<p style="text-align: center;">Forces Air resistance, Water resistance, Friction, Gravity, Newton, Gears, Pulleys, Force Meter, Magnetism, Reliable,</p>
<p style="text-align: center;">Electricity Electricity, Circuit</p>	<p style="text-align: center;">Electricity Cells, Wires, Bulbs, Switches, Buzzers, Battery, Circuit, Series, Conductors, Insulators</p>	<p style="text-align: center;">Electricity Cells, Wires, Bulbs, Switches, Buzzers, Battery, Circuit, Series, Conductors, Insulators, Amps, Volts, Electrons, Filament, Fuse, Resistor, Variable. Terminal, Voltage, Parallel Circuit</p>
<p style="text-align: center;">Understand the Earth's Movement in Space Movement, Space, Weather, Sky, Summer, Spring, Autumn, Winter, Sun, Day, Moon, Night, Light, Dark</p>	<p style="text-align: center;">Understand the Earth's Movement in Space Solar system, Observe, Shadow</p>	<p style="text-align: center;">Understand the Earth's Movement in Space Earth, Sun, Moon, Axis, Rotation, Day, Night, Phases of the Moon, star, constellation, Geocentric, Heliocentric, Orbit, Time Zone</p>