

# Science Vocabulary Progression - Year 1 – Year 6

Strand		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Working Scientifically		Question Describe Test Sort Identify Group	Observe Identify Classify Data Collect Record Compare Contrast Patterns Test	Enquiry Compare Fair Gather Record Group Classify Data Findings Present Report Results Predict Evidence Investigate Patterns	Similarities/Differences Predict Gather Group Classify Measurements Evaluate Conclude	Plan Variables Diagrams Predictions Comparative Explanation Repeat Analyse Control Research	Classification Keys Systematic Support Refute Relationships Hypothesis
Biology	Plants	Deciduous, Evergreen, Tree, Leaves, Flowers (blossom), Petals, Fruit, Roots, Bulb, Seed, Trunk, Branches, Stem, Oak, Holly, Willow, Birch, Chestnut, Conker, Daisy, Buttercup, Rose, Daffodil, fruit	Seeds, Bulbs, Water, Light, Suitable temperature, Grow, Healthy, Germinate, Decompose	Air, Light, Water, Nutrients, Soil, Reproduction, Transportation, Dispersal, Pollination, Flower,			

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	Animals, including humans	Fish, Reptiles, Mammals, Birds, Amphibians, Herbivore, Omnivore, Carnivore, Leg, Arm, Elbow, Head, Ear, Nose, Back, Sight, Hearing, Taste, Touch, Smell	Survival, Water, Air, Food, Adult, Baby, Offspring, Kitten, Calf, Puppy, Exercise, Hygiene	Movement, Muscles, Bones, Skull, Skeletons, Vertebrates, Invertebrates, Endoskeleton, Exoskeleton, Hydrostatic Skeleton, Nutrition, Carbohydrates, Protein, Saturates fats, Unsaturated fats, Fibre, Vitamins, ,	Mouth, Tongue, Teeth, Oesophagus, Stomach, Small Intestine, Large Intestine, Rectum, Canine, Incisor, Molar, Herbivore, Carnivore, Omnivore, Producer, Prey, Predator	Foetus, Embryo, Womb, Fertilisation, Gestation, Prenatal, Reproduce, Baby, Toddler, Teenager, Elderly, Adulthood, Growth, Development, Puberty, Menstruation	Circulatory, Heart, Blood, Vessels, Veins, Arteries, Oxygenated, Deoxygenated, Blood, Valve, Exercise, Respiration, Drugs, Alcohol
	Living Things and their Habitats		Living, Dead, Habitat, Microhabitat, Energy, Food chain, Predator, Prey, Woodland, Pond, Desert		Organisms, Classification, Life Processes (movement, respiration, sensitivity, growth, reproduction, excretion and nutrition), Vertebrates, Fish, Amphibians, Reptiles, Birds, Mammals, Invertebrates, Snails, Slugs, Worms, Spiders, Insects, Environment, Habitats, Endangered, Extinct	Mammal, Reproduction, Insect, Amphibian, Bird, Offspring; Classification, Vertebrates, invertebrates, Microorganisms, Amphibians, Reptiles, Mammals, Insects,	Classification Characteristics Key, Microorganism Species, System
	Evolution and Inheritance						Fossils, Adaptation, Evolution, Characteristics, Reproduction, Offspring, Variations, Environment, Genetics, Natural Selection, Adaptive

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							Traits, Inherited Traits,



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Chemistry	Materials and their properties	Wood, Plastic, Glass, Paper, Water, Metal, Rock, Hard, Soft, Bendy, Rough, Stretchy, Smooth	Hard, Soft, Stretchy, Stiff, Shiny, Dull, Rough, Smooth, Bendy, Waterproof, Absorbent, Opaque, Transparent Brick, Paper, Fabrics, Squashing, Bending, Twisting, Stretching			Hardness, Solubility, Transparent, Opaque, Translucent, Magnetic, Filter, Evaporation, Dissolving, Mixing, Thermal Conductor, Thermal Insulator, Electrical Conductor, Electrical Insulator. Reversible, Irreversible	
	States of matter				Solid, Liquid, Gas, Evaporation, Condensation, Particles, Temperature, Freezing, Heating, Precipitation		
	Rocks			Fossils, Palaeontology, Soils, Sandstone, Granite, Marble, Pumice, Crystals,			
				Sedimentary, Metamorphic, Igneous, Absorbent/Porous, Durable, Permeable, Impermeable, Magma, Lava			

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Physics	Forces			Magnetic, Force, Friction, Surface, Contact, Attract, Repel, Friction, Poles, Push, Pull		Air Resistance, Water Resistance, Friction, Gravity, Weight, Mass, Newton, Gears, Pulleys, Lever, Force, Pivot, Mechanism	
	Light			Light, Shadows, Mirror, Reflective, Dark, Reflection, Light Source, Cast, Opaque			Light Source, Shadows, Reflection, Ray, Refraction, Spectrum, Transparent, Translucent, Opaque,
	Electricity				Cells, Wires, Bulbs, Switches, Buzzers, Battery, Circuit, Series, Conductors, Insulators, Brightness		Circuit, Symbol, Battery, Current, Amps, Voltage, Electrons, Buzzer, Components, Motor
	Sound				Volume, Vibration, Wave, Pitch, Tone, Speaker, Sound Wave, Amplitude, Distance, Absorb		
	Seasonal Changes/Earth and Space	Summer, Spring, Autumn, Winter, Sun, Day, Moon, Night, Light, Dark, Observe				Earth, Sun, Moon, Solar System, Orbit, Axis, Rotation, Day, Night, Phases, Celestial, Star, Constellation, Full, New, Year, Month	