



## Science Vocabulary List

These words should be taught explicitly during science lessons and should appear on your knowledge organisers

	<u>Animals including humans</u>	<u>Everyday materials</u>	<u>Seasonal changes</u>	<u>Plants</u>	
Year 1	Carnivore Herbivore Omnivore Mammal Amphibian Reptile Birds Fish Senses Body parts	Flexible Solid Smooth Rough Absorbent Not absorbent Sink Float Opaque Transparent	Spring Summer Autumn Winter Season Temperature Sun Weather Light Dark	Root Petal Stem/Stalk Flower Leaf Seed Trunk Branches Deciduous Evergreen	
	<u>Animals including humans</u>	<u>Use of everyday materials</u>	<u>Living things and habitats</u>	<u>Plants</u>	
Year 2	Balanced diet Exercise Hygiene Oxygen Food Growth Offspring Healthy Water Diet	Properties Suitability Stretch Twist Variety Materials Bend Squash Purpose Waterproof	Habitat Food chain Dead (Never) Alive Living Micro-Habitat Depend Source Predator Survival	Germination Bulb Light Suitable temperature Healthy Survival Observe Record Mature plants Stages of growth	

	<u>Animals and humans</u>	<u>Light</u>	<u>Rocks and fossils</u>	<u>Plants</u>	<u>Forces and magnets</u>
Year 3	Skeleton Skull Bones Muscles Support Protection Nutrition Joints Digestion Movement	Opaque Transparent Translucent Reflect Shadow Light source Potential dangers Protection Patterns Mirror	Decay Erosion Geologist Permeable Igneous Metamorphic Sedimentary Organic matter Minerals Pressure	Dispersal Transportation Pollination Seed formation Pollen Stigma Stamen Reproduction Nutrients Requirements for growth	Force Friction Magnetism Attract Repel Poles Magnets Contact Surface Compare
	<u>Animals including humans</u>	<u>Sound</u>	<u>Electricity</u>	<u>States of Matter</u>	<u>Living things and their habitats</u>
Year 4	Organ Digestion Excretion Predator Prey Producer Consumer Teeth Function Food chain	Vibration Volume Pitch Wave Travel Sound Frequency Medium Sound particles Vacuum	Cells Wires Switches Buzzers Battery Circuit Series Conductor Insulators Component	Evaporation Condensation Solid Liquid Gas Water cycle State Celsius (°C) Heating Cooling	Classification key Vertebrate Invertebrate Pollution Habitat Human impact Respiration Environment Categories Deforestation

	<u>Living things and their habitats</u>	<u>Animals, including humans</u>	<u>Properties and changes of materials</u>	<u>Earth and Space</u>	<u>Forces</u>
Year 5	Life Process Life cycle Reproduction Offspring Mammal Amphibian Metamorphosis (complete/incomplete) Larvae Nymph Life birth	Womb Foetus Embryo Gestation Toddler Teenager Elderly Growth Development Puberty	Transparent Conductivity (Electrical and thermal) Solution Dissolve Filter Sieve Reversible Irreversible Evaporate Soluble	Earth Sun Moon Solar System Axis Phases of the Moon Star (&constellations) Spherical Bodies Orbit Rotation	Air resistance Water resistance Friction Gravity Lever Gear Pulley Newtons Gravitational pull Mass
	<u>Animals including humans</u>	<u>Light</u>	<u>Electricity</u>	<u>Evolution and adaptation</u>	<u>Living things and their habitats</u>
Year 6	Circulatory System Heart Blood Function Veins Arteries Capillaries Lifestyle Pulse Valve	Reflection Source Shadow Travel Periscope Refraction Incident ray Rainbow Retina Pupil (eye)	Bulb Circuit Series Voltage Brightness Symbols Conductor Insulator Precautions Component	Fossils Adaptation Natural selection Palaeontologist Theory of evolution Dinosaurs Offspring Inheritance Survival Extinction	Classification Kingdom Characteristics Aristotle Linnaeus Micro-organisms Similarities Differences Vertebrate Invertebrate