



Key Stage 2 Progression in Science Vocabulary

Year 3	Plants	Animals including humans			Rocks	Light	Forces and Magnets			
	roots flowering plant stem trunk leaves flowers reproduction transportation soil pollination seed formation seed dispersal	nutrition skeleton muscles support protection bone skull movement			fossils soils sandstone granite marble pumice crystals	reflective reflection light source opaque shadows mirror	magnetic magnets attract repel poles force contact pull push			
Year 4		Animals including humans		Living things and their habitats				States of Matter	Sound	Electricity
		digestive system food chains producers predators prey oesophagus stomach intestine carnivore herbivore canine incisor molar		classification key group identity environment vertebrate invertebrate flowering plants non- flowering plants				solid liquid gas heated cooled temperature degrees Celsius evaporation condensation water cycle	vibrating vibrations sound travel pitch volume fainter source	appliance electricity electrical circuit cells wires bulbs switch buzzers series complete battery conductors insulators motor symbol



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Year 5		Animals including humans/All living things and their habitats	Properties and Changes of Materials		Earth and Space		Forces			
		foetus embryo womb gestation baby toddler teenager elderly growth development puberty mammal reproduction insect amphibian bird offspring	hardness solubility transparency conductivity electrical thermal magnetic filter sieving evaporation separate dissolving mixing solution substance solid liquid gas reversible irreversible		earth sun moon spherical axis rotation day night phases star constellation		air resistance water resistance friction gravity newton levers pulleys gears			
Year 6		Animals including Humans		Living things in their habitat	Evolution and Inheritance	Light				Electricity
		circulatory system heart blood vessels veins arteries		classification vertebrates invertebrate micro- organism amphibian	evolution characteristics reproduction genetics	refraction reflection light spectrum rainbow colour				cells wires bulbs switches buzzer battery



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		oxygenated deoxygenated valve exercise respiration		reptile mammal insect fossil adaptation						circuit series conductors insulators amps volts cell
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Scientific Vocabulary

Years 3 and 4

questions, scientific enquiries, compare, fair test,
observe, measure, standard units, equipment, thermometers, data loggers, gather, record, classify, present, data, drawings, labelled diagrams, keys, bar charts,
tables, explanation, interpret, display, presentations, results, conclusions, predictions, differences, similarities, changes, processes, secondary resources

Years 5 and 6

planning, scientific enquiries, questions, controlling variables, measure, scientific equipment, repeat readings, record, data, diagrams, labels, classification keys,
tables, scatter graphs, bar and line graphs, predictions, comparative, fair tests, report, present, findings, conclusions, causal relationships, explanations of, degree of
trust, support, refute, evidence