



Orchard Academy - Science Rocket Words



	KS1 Vocab		Year 3	Year 4	Year 5	Year 6		
Autumn 1	Animals Including Humans (About Me)	Living Things and Their Habitats	Rocks	States of Matter	Properties of Materials	Light		
	sight	habitat	metamorphic rock	water cycle	comparative test	luminous		
	smell	desert	igneous rock	molecule	elasticity	fluorescent		
	exercise	woodland	sedimentary rock	solute	plasticity	magnify		
	healthy	producer	soil types	solvent	crude oil	spectrum		
	design	root vegetable	weathering	evaporation	perforate	angle of incidence		
	baby	living	acid rain	water vapour	extraction	angle of reflection		
	grow	excrete	fossil	condensation	thermal conductivity	lens		
	bones	microhabitat	mineral	distillation	inexhaustible	refraction		
Autumn 2	Everyday Materials (Exploring)	Animals Including Humans (Growth)	Animals Including Humans (What Makes us)	Animals Including Humans (Food and Digestion)	Changes of Materials	Electricity		
	flight	birth	skeleton	salivary gland	separate	static electricity		
	structure	growth	tendon	oesophagus	solution	filament		
	transparent	reproduction	ligament	intestines	solute	voltage		
	opaque	death	cartilage	food pyramid	solvent	insulator		
	translucent	life cycle	involuntary muscles	nutrient	irreversible	conductor		
	flexible	generation	voluntary muscles	vitamin	compound	fuse		
	rigid	child	skull	digest	physical change	component		
	oil	adult	vertebrae	decomposer	chemical change	variable resistor		
Spring 1	Everyday Materials (Uses)	Plants	Forces and Magnets	Living Things and Their Habitats (Nature and the Environment)	Animals Including Humans (The Human Life Cycle)	Animals Including Humans (Blood and Transportation)		
	magnet	germinate	lodestone	ecology	reproduce	transfusion		
	metal	nutrient	horseshoe magnet	interdependent	puberty	plasma		
	wood	produce	bar magnet	ecosystem	adolescence	pancreas		
	plastic	bulb	attract	environment	hormone	diabetes		
	paper	seed	repel	pollute	memory	transpiration		
	man-made	fertilised	compass	chemical	childhood	spleen		
	natural	dormant	magnetic needle	habitat	gestation	alveoli		
	recycle	pollen	pendulum	emission	fertilisation	bacteria		
Spring 2	Plants	Everyday Materials	Exploring the World of Plants	Living Things and Their Habitats (Classifying)	Studying Living Things	Animals Including Humans (The Heart and Health)		
	seed	force	germination	classify	Sir David Attenborough	blood vessels		
	root	absorbent	non-vascular	vertebrate	Jane Goodall	circulatory system		
	flower	waterproof	asexual reproduction	invertebrate	naturalist	oxygenated		
	stem	stretch	fungi	cold-blooded	metamorphosis	capillary		
	crop	repel	insectivorous	warm-blooded	endangered	heart rate		
	leaf	squash	deforestation	sample	documentary	addiction		
	fruit	properties	biodiversity	exoskeleton	asexual	nutrients		
	grain	invention	fertilisation	creature	reproduction	balanced diet		
Summer 1	Animals Including Humans (About Animals)	Animals Including Humans (Diet and Health)	Plants (Life Cycles)	Sound	Earth and Space	Evolution and Inheritance		
	pet	exercise	transpiration	vibration	heliocentric	evolution		
	mammal	hygiene	photosynthesis	speed of sound	geocentric	inheritance		
	offspring	healthy	carbon dioxide	soundproof	solar system	DNA		
	care	nutrition	pollination	sound wave	astronomy	natural selection		
	bird	portion	dispersal	frequency	big bang theory	ancestor		
	fish	balanced diet	xylem	decibel	gravitational force	husbandry		
	reptile	measuring	phloem	eardrum	orbit	generation		
	amphibian	temperature	glucose	pitch	hemisphere	fossilisation		
Summer 2	Seasonal Change	Living Things and Their Habitats (Habitats around the World)	Light	Electricity	Forces	Living Things and Their habitats		
	spring	habitat	reflection	series circuit	Sir Issac Newton	classify		
	summer	Arctic	telescope	circuit diagram	gravity	prokaryote		
	autumn	Antarctic	periscope	parallel circuit	resistance	species		
	winter	rainforest	parallel	conductor	lever	vertebrate		
	weather	desert	ultraviolet rays	insulator	gear	invertebrate		
	temperature	pollution	mirror	loop	pulley	microorganism		
	thermometer	climate	shadow	switch	mass	fungi		
	forecast	endangered	sun protection	resistance	friction	kingdom		
Forces		Electromagnets	Waves	Earth	Matter	Organisms	Ecosystems	Genes