

Seasonal Changes 1	Animals, including Humans 1		Everyday Materials 1	Plants 1	Working Scientificall
autumn	arm	amphibians	absorbent	blossom	angwor
autumn	arm	•			answer
changes	ears	animals birds	bendy	branch	change
cloud	elbow		classify	bud	chart
cold / colder/ coldest	eyes face	carnivores	dull	bulb	classify
day length	fingers	fish	glass	coniferous	compare
deciduous	foot	insect	group	deciduous	data
hail	hair	habitat	hard	evergreen	describe
hibernate	hand	herbivores	material	flower	diagram
ice	head	mammals	metal	flowering	different
overcast	hearing	omnivores	object	fruit	equipment
rain	human body	pets	opaque	garden	features
seasons	knee	reptiles	plastic	local	findings
snow	leg		properties	leaves	group
spring	mouth		rock	living thing	identify
summer	neck		rough	petals	measurement
sun	nose		shiny	roots	observe / observing
sunny	sense		smooth	seed	pattern
temperature	shoulder		soft	stem	question
warm / warmer / warmest	sight		stiff	trunk	relationship
weather	smell		stretchy	vegetables	record
wind	sound		transparent	wild	scientific language
winter	taste		water		same
	teeth		waterproof		sort
	texture		wood		test
	thumb				thermometer
	toes				
	touch				
	toucii				



	Years 2 and 3: Cycle A					
Light 3	Uses of Everyday Materials 2	Living Things & their Habitats 2	Animals, including Humans 2	Animals, including Humans 3	Working Scientifically	
absence of light	bending	alive	adult	amount	answer*	
beam	brick	animals	air	animals	accuracy / accurate	
blocked	cardboard	basic needs	animals	balanced diet	bar charts	
danger	changed	characteristics	baby	body parts	classify*	
dark	flexible	coast	basic needs	bones	compare*	
distance	glass	conditions	child	calcium	conclusion	
glare	materials	dead	eggs	carbohydrates	data*	
light	metal	depend on	exercise	contract	diagram*	
light source	paper	desert	food	diet	describe	
mirror	plastic	environment	growth	eat	equipment*	
opaque	properties	food	humans	endoskeleton	evidence	
patterns	purpose	food chain	hygiene	exoskeleton	explanation	
protect	rock	freshwater	medicine	fats	enquiry	
ray	shapes	grassland	nutrition	fibre	fair test	
reflect	squashing	habitat	offspring	food	features*	
shadows	stretching	healthy living	reproduction	food	findings	
sun	suitability	meadow	shelter	groups	group*	
surfaces	suitable	micro-habitat	survival	functions	identify*	
translucent	test	mountain	teenager	healthy	improvement	
transparency / transparent	twisting	ocean	toddler	humans	investigate / investigation	
, , , ,	unsuitable	plants	water	invertebrates	key	
	uses	polar		joints	labelled diagrams	
	wood	provide		meals	measurement*	
		rainforest		minerals	observe / observations*	
		seashore		movement	pattern*	
		shelter		muscles	prediction	
		sources		nutrition	question*	
		suited		protect / protection	record*	
		woodland		protein	relationship*	
				relax	results	
				skeleton	similarities & differences	
				support	sort*	
				types	table	
				vertebrates	test*	
				vitamins	thermometer	
					*By the end of Year 2	



Years 2 and 3: Cycle B						
Rocks 3	Living Things & their Habitats 2	Forces and Magnets 3	Plants 2 and 3	Working Scientifically		
appearance	alive	attract / attraction	air	answer*		
buildings	animals	compass	anchor	accuracy / accurate		
crystals	basic needs	contact	bulbs	bar charts		
formed	characteristics	distance	carbon dioxide	classify*		
fossils	coast	forces	environment	compare*		
grains	conditions	magnetic	fertiliser	conclusion		
gravestones	dead	materials	flowering plants	data*		
igneous rock	depend on	move	germination	describe		
organic matter	desert	north pole	grow / growth	diagram*		
physical properties	environment	objects	healthy	equipment*		
purpose	food	poles	leaves	evidence		
rocks	food chain	properties	life cycle	explanation		
sedimentary	freshwater	pull	light	enquiry		
rock	grassland	push	mature plants	fair test		
soils	habitat	repel / repulsion	nutrients / nutrition	features*		
trapped	healthy living	south pole	pollination	findings		
volcano	meadow	strength	reproduction	group*		
	micro-habitat	surface	roots	identify*		
	mountain	uses	seedlings	improvement		
	ocean		seed dispersal	investigate / investigation		
	plants		seed formation	key		
	polar		soil	labelled diagrams		
	provide		stem	measurement*		
	rainforest		store of food	observe / observations*		
	seashore		support	pattern*		
	shelter		survival	prediction		
	sources		temperature	question*		
	suited		transport	record*		
	woodland		transpiration	relationship*		
			water	results		
				similarities & differences		
				sort*		
				table		
				test*		
				thermometer		
				*By the end of Year 2		



Years 4, 5 and 6: Cycle A					
States of Matter 4	Sound 4	Properties of Materials 5	Earth and Space 5	Working Scientifically	
boiling	distance	absorbency	axis	accuracy	
change state	ear	acid	celestial	argument	
condensation	fainter	burning	body	bar graph	
condense	features	chemical changes	day	causal relationship	
cooled	high	chemists	Earth	classification key	
degrees Celsius	instruments	dissolve	geocentric	comparison	
escape	insulation	electrical conductivity	heliocentric	comparative test	
evaporation	loud	evaporation	Jupiter	conclusion	
everyday materials	low	everyday materials	Mars	data	
freeze / freezing	pitch	filter / filtering	Mercury	degree of trust	
gases	quiet	formation	Moon	equipment	
heated	sound	gas	movement	evidence	
liquids	sound source	hardness	Neptune	experiment	
melt / melting	strength	irreversible changes	night	explanation	
pool	travel	liquid	orbit	enquiry	
precipitation	vibrate / vibrations	magnetism	phases	fair test	
shape	volume	melt	planets	investigate / investigation	
solids	waves	mixture	rotate / rotation	labels	
states		new materials	satellite	line graph	
steam		physical changes	Saturn	measurement	
substance		plastic	solar system	mean average	
temperature		properties	sphere / spherical	observations	
transpiration		reactions	star	observe	
volume		reversible changes	Sun	pattern	
water cycle		rusting	sundial	precision	
water vapour		separate	tilted	prediction	
•		sieve	Uranus	repeated readings	
		solid	Venus	refute	
		soluble materials		scatter graphs	
		solute		scientific diagrams	
		solution		secondary source	
		substance		support	
		solvent		systematic	
		thermal conductivity		table	
		transparency		variable	



Living Things & their Light 6 Living Things & their Evolution and Animals, including Working Scientifica						
Habitats 4	Light 0	Habitats 6			Working Scientificant	
			Inheritance 6	Humans 6		
amphibians	beam	annelids	adapted	aorta	accuracy	
birds	cast	arachnids	adaptation	artery	argument	
Carroll diagram	cornea	arthropods	breed	atrium	bar graph	
change	emitted	bacteria	changed	blood	causal relationship	
characteristics	eye	class	characteristics	blood vessels	classification key	
classification	glare	conifer	competitions	capillary	comparison	
classified	iris	crustacean	DNA	carbon dioxide	comparative test	
danger	lens	family	environment	cells	conclusion	
deciduous	light	fern	evolution	chambers	degree of trust	
deforestation	light source	fungus	fossils	circulatory system	equipment	
development	opaque	fungi	fossil record	deoxygenated	evidence	
differences	optical	genus	genes	digestive system	experiment	
environment	periscope	homo sapiens	identical	function	explanation	
evergreen	prism	invertebrates	inheritance	heart	enquiry	
fish	pupil	key	inherited	internal organs	fair test	
flowering	rainbows	kingdom	mutation	lifestyle	investigate / investigation	
groups	ray	moss	natural selection	lungs	labels	
habitat	retina	microbes	offspring	muscular system	line graph	
human impact	reflect	micro-organisms	parents	nutrients	measurement	
insects	reflection	molluscs	produce	oxygen	mean average	
key	shadows	observable characteristics	reproduction	oxygenated	observations	
living things	spectrum	order	suit	pulmonary vein / artery	observe	
mammals	straight lines	organisms	survive	pulse	pattern	
non-flowering	Sun	phylum / phyla	survival of the fittest	red blood cells	precision	
organisms	translucent	species	variation	respiration	prediction	
reptiles	transparent	subdivided	vary	skeletal system	repeated readings	
similarities	travel	taxonomy	•	substances	refute	
species	visible	variation		trachea	scatter graphs	
subdivided		vertebrates		transported	scientific diagrams	
variation		virus		valve	secondary source	
Venn diagram				vein	support	
				vena cava	systematic	
				ventricle	table	
				waste products	variable	
				white blood cells	Variable	



Animals, including	Forces 5	Living Things and their	Animals, including	Electricity 4 and 6	Working Scientifically
Humans 4	1010033	Habitats 5	Humans 5	Electricity 4 and 0	Journal of the state of the sta
canines	air resistance	amphibians	adolescent	appliances	accuracy
carnivore	attracts / attraction	animals	adult / adulthood	battery	argument
consumers	balanced	anther	animals	brighter	bar graph
damages	buoyancy	asexual	appearance	brightness	causal relationship
digestive system	Earth	birds	baby	bulb	classification key
energy	fall	carpel	changes	buzzer	comparison
food chain	faster	changes	develop	cell	comparative test
functions	force	cuttings	embryo foetus	components	conclusion
herbivore	friction	differences	gestation	conductor	degree of trust
humans	gears	dispersal	growth	device	equipment
incisors	gravity	fertilisation	hormones	electricity	evidence
large intestine	gravitational pull	filament	humans	insulator	experiment
molars	greater	flowering plants	oestrogen	lamp	explanation
mouth	levers	gestation	old age	metals	enguiry
nutrients	mass	habitats	periods	motor	fair test
oesophagus	machines	insects	puberty	parts	investigate / investigation
predators	mechanism	life cycle	teenager	series circuit	labels
premolars	movement	life process	testosterone	straight lines	line graph
prey	Newtons	mammals	timeline	switch	measurement
producers	object	ovary	toddler	symbols	mean average
rectum	opposing	parent plant	visible changes	variations	observations
saliva	parachute	petals		voltage	observe
salivary glands	particles	plants		volume	pattern
small intestine	pulleys	pollination		wire	precision
stomach	slow down	reproduce / reproduction		-	prediction
teeth	smaller	root			repeated readings
tongue	stop	seed			refute
331.83.5	surface	sepals			scatter graphs
	unbalanced	sexual			scientific diagrams
	upthrust	similarities			secondary source
	water resistance	stamen			support
	weight	stem			systematic
	5.8	stigma			table
		style			variable