



## Vocabulary Progression – Science

EYFS			
animal	float	living	senses
change	flower	plant	sink
experiment	food	reason	smell
explain	grow	science	taste
fair	hear	see	touch
find out	leaf	seed	why

Year 1					
Forces, Earth and space – seasonal changes		Materials – everyday materials		Animals including humans – sensitive bodies	
conclusion	season	absorbent	opaque	direction	salty
data	sunrise	data	plastic	distance	sense
deciduous	sunset	fabric	property	feeling	senses
evergreen	symbol	glass	rock	group	sensitive
pictogram	temperature	group	tough	hearing	sight
predict	thermometer	material	transparent	investigation	smell
record	weather	metal	waterproof	loud	sour
		object	wood	obstacle	sweet
				pattern	taste
				quiet	touch
				research	volume
Animals including humans – comparing animals		Plants – introduction to plants		Making connections – investigating science through stories	
body	mammal	data	leaf	amphibian	measure
carnivore	observe	deciduous	measure	bird	natural
compare	omnivore	diagram	observe	carnivore	object
data	pet	edible	plant	compare	omnivore
diet	record	evergreen	prediction	data	pattern
differences	reptile	feature	roots	diet	predict
feature	research	fruit	research	difference	property
fish	scientist	flower	seed	feature	reptile
group	similarities	garden	shoot	fish	season
herbivore	tally	plants	stem	group	similarity
hunt		grouping	trunk	herbivore	test
		growth	wild plants	hunt	trunk
		investigation		life cycle	waterproof
				mammal	weather
				material	

## Year 2

Living things & their habitats		Living things & their habitats		Materials	
dead	nutrition	dead	nutrition	bend	property
depend	ocean	depend	ocean	block graph	pull
diet	omnivore	diet	omnivore	elastic	push
energy	predator	energy	predator	fabric	record
excretion	prey	excretion	prey	flexible	rock
food chain	producer	food chain	producer	glass	squash
growth	rainforest	growth	rainforest	material	stretch
habitat	reproduction	habitat	reproduction	metal	suitable
herbivore	sensitivity	herbivore	sensitivity	object	twist
life process	shelter	life process	shelter	plastic	wood
mammal	woodland	mammal	woodland		
movement		movement			
Animals including humans		Plants		Making connections	
fruit	proteins	data	leaf	alive	property
germs	pupa	deciduous	measure	bubble wrap	recycle
growth	sheep	diagram	observe	eco-friendly	reduce
health	spawn	edible	plant	dead	reproduction
height	spreads	evergreen	prediction	excretion	reuse
hygiene	stage	feature	roots	fabric	seed
lamb	survive	fruit	research	flexible	sensitivity
life cycle	tadpole	flower	seed	germinate	soil
live young	teenager	garden	shoot	growth	strong
measure	toddler	plants	stem	human-made	suitable
offspring	vegetables	grouping	trunk	life process	sunlight
oils	water	growth	wild plants	material	tin foil
		investigation		movement	warmth
				natural	water
				nutrition	waterproof
				paper	wood
				plastic	Unit
					resources

## Year 3/4

Animals including humans: Digestion and food		Energy: Electricity and circuits		Living things and their habitats: Classification and changing habitats	
absorb	mouth	ammeter	hazard	Carroll	observe
canine	oesophagus	appliance	mains	diagram	nature
carnivore	omnivore	battery	material	classification	reserve
digest	predator	bulb	motor	key	non-
faeces	premolar	buzzer	power	classify	flowering
food chain	prey	cell	source	conservation	plants
herbivore	producer	circuit	precaution	conservationis	pollution
incisor	saliva	component	property	t	seasonal
large	small	electrical	safety	deforestation	changes
intestine	intestine	conductor	series	earthquake	taxonomist
molar	stomach	electrical	circuit	endangered	uprooted
		insulator	switch	flood	vertebrate
		electricity	wire	flowering	Venn
				plants	diagram
				human impact	waterlogged
				invertebrate	wildfire
Materials: States of matter		Energy: Sound and vibrations		Making connections Flow of liquids	
drought	melting -	air	loud	bar chart	precipitation
evaporating	point	decibels	low pitch	condensing	predict
evaporatio	precipitatio	(dB)	matter	cell/battery	solid
n rate	n	decibel	medium	conclusion	switch
flood	rate	meter	musical	evaluate	temperature
force	solid	ear	instrument	evaporating	the water
freezing	state	eardrum	pitch	gas	cycle
freezing	steam	ear	quiet	insect	trustworthy
point	temperature	protectors	solid	liquid	variable
gas	thermometer	gas	sound	medicine	viscosity
gaseous	the water	hertz (Hz)	sound	motor	water vapour
liquid	cycle	high pitch	proofing	pharmacology	
matter	volume	insulator	vibration	pharmacologist	
melting	water	of sound	volume		
	vapour	liquid			
Animals including humans: Movement and nutrition		Forces, Earth & space: Forces and magnets		Materials: Rocks and soil	
balanced diet	movemen	force	south pole	absorbency	igneous rock
bone	t	contact	magnetic	acid rain	imprint
carbohydrate	muscle	force	material	bone	lava
endoskeleton	nutrient	non-	non-magnetic	clay	loam soil
exoskeleton	protection	contact	material	clay soil	magma
fat	protein	force	attract	crystal	

fibre invertebrate joint mineral	skeleton support vertebrate vitamin water	friction magnetism magnet north pole	repel electromagnet	earthworm era fossil fossil record grain hard hardness impermeable	metamorphic rock mineral molten rock organic matter paleontologist peaty soil permeable rate
Energy: Light and shadows		Plants: Plant reproduction		Making connections Hand spans	
cast a shadow dangerous light source luminous non-luminous opaque protect	reflect reflection reflective (shiny) shadow shadow puppet translucent transparent	germination improve leaves male nutrients petal pollen pollination roots soil seed	seed formation shaking space stem/trunk sunlight support testable transport water water dispersal wind dispersal	bar chart bone carbohydrate conclusion evaluate fat flower fruit friction grip strength joint light source	material muscle nutrition opaque predict property protein seed shadow trustworthy variable

## Year 5/6

Materials: Mixtures and separation		Energy: Circuits, batteries and switches		Forces, Earth & space: Earth and space	
control variable crystallising dissolve evaporation evaporation method filtering insoluble	mixture particle sieve sieving soluble solution variable	ammeter appliance battery bulb buzzer cell circuit circuit diagram component	current electricity motor power source resistance switch voltage voltmeter wire	artificial satellite axis calibrate celestial bodies climate change day daytime (daylight) data Earth elliptical face first quarter moon force full moon gnomon gravity horizon Jupiter last quarter moon Mars Mercury midday moon natural satellite Neptune new moon night (nighttime)	phase planet Pluto orbit our Solar System reflect rotate Saturn season shadow Solar System space space junk spherical star summer sundial sunrise sunset table the Sun the Moon tilt Uranus Venus winter year
Animals including humans: Life cycles and reproduction		Forces, Earth & space: Imbalanced forces		Animals including humans: Human timeline	
adolescence adult amphibian	insect juvenile larva	aerodynamics air resistance amplify balanced	load machine mass matter	adolescence adolescent adult adulthood	hormones infant life cycle newborn

asexual reproduction	leaf growing stage	contact force	non-contact force	childhood	old age period
bird	life cycle	distance	force	childhood	period (menstruation)
birth	line of best fit	effort	pivot	foetus	puberty
bulb	lungs	force	pulley	gestation period	toddler
carnivore	mammal	friction	streamlining		
characteristic	mating	gear	surface area		
chrysalis	metamorphosis	gravity	unbalanced		
cocoon	nest	lever	water resistance		
cuttings	nestling				
egg	newborn				
estimating	nymph				
extrapolating	offspring				
fertilisation	ovule				
fledgling	pollen				
flowering stage	pollination				
four-legged	pupa				
tadpole	reproduction				
four-stage	seed dispersal				
life cycle	seed stage				
frog	seedling stage				
froglet	seed				
germination stage	sexual reproduction				
gestation	species				
gills	tadpole				
hatch	three-stage life cycle				
hatchling	tuber				
herbivore	two-legged				
incubation	tadpole				
infancy					
Living things and their habitats: Classifying big and small		Energy: Light and reflection		Living things & their habitats: Evolution and inheritance	
amphibian	life process	cast	periscope	adaptation	offspring
binomial system	Linnaean system	incoming ray	pupil	ancestor	peer review
bird	mammal	light ray	ray diagram	characteristic	population
characteristic	mammal	light source	reflected ray	competition	reproduce
classify	micro-organism	luminous	reflective	environmental	scientific theory
classification	microscopic	mirror	shadow	evidence	selective breeding
key	moss	non-luminous	straight	evolution	species
cold-blooded	organism	opaque		extinct	specimen
conifer	reptile			fossil	survival
exoskeleton	snail			gene	survival of the fittest
fern	spider			habitat	
fish	vertebrate			inherit	

flowering plant insect invertebrate	warm- blooded worm			natural selection	variation
Materials: Properties and changes		Animals including humans: Circulation and exercise		Making connections Sunglasses	
burning change of state circumference condensing conductor dissolve electrical conductivity evaporating freezing hard hardness insulator irreversible change light intensity light meter	melting mixture opaque property reversible change rust rusting soft states of matter trustworthy thermal conductivity translucent transparency transparent	balanced diet blood bloodstream blood vessels carbon dioxide circulatory system diet drug exercise fitness health	heart heart rate lifestyle lungs mass nutrient oxygen pulse pump (verb) rate resting heart rate transport water	adaptation amphibian bar chart bird bulb characteristic circuit circuit diagram classify component conclusion control variable electrical circuit evaluate evidence fish habitat health	inherit insect invertebrate lifestyle light ray light source luminous mammal method opaque predict reflection refute reptile support translucent transparent trustworthy ultraviolet unit variable vertebrate
Making connections Asteroid					
accurate air resistance asteroid celestial bodies conclusion crater diameter evaluate fair test force	gravity hardness material predict property spherical reliable trustworthy variable				