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

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 paelantologist 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	mixture	ammeter	current	artificial	phase
variable	particle	appliance	electricity	satellite	planet
crystallising	sieve	battery	motor	axis	Pluto
dissolve	sieving	bulb	power	calibrate	orbit
evaporation	soluble	buzzer	source	celestial	our Solar
evaporation	solution	cell	resistance	bodies	System
method	variable	circuit	switch	climate	reflect
filtering		circuit	voltage	change	rotate
insoluble		diagram	voltmeter	day	Saturn
		component	wire	daytime (daylight)	season
				data	shadow
				Earth	Solar System
				elliptical	space
				face	space junk
				first quarter moon	spherical
				force	star
				full moon	summer
				gnomon	sundial
				gravity	sunrise
				horizon	sunset
				Jupiter	table
				last quarter moon	the Sun
				Mars	the Moon
				Mercury	tilt
				midday	Uranus
				moon	Venus
				natural satellite	winter
				Neptune	year
				new moon	
				night (nighttime)	

Animals including humans: Life cycles and reproduction		Forces, Earth & space: Imbalanced forces		Animals including humans: Human timeline	
adolescence	insect	aerodynamics	load	adolescence	hormones
adult	juvenile	air resistance	machine	adolescent	infant
amphibian	larva	amplify	mass	adult	life cycle
		balanced	matter	adulthood	newborn

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

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				