

Animals Including Humans

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
common animals	survival		human digestive system		
fish	water	nutrition	digestion	puberty	internal organs
amphibians	food	nutrients	mouth	life cycle	heart
reptiles	air	carbohydrates	tongue – mixes, moistens	gestation	lungs
birds	exercise	protein	saliva	growth	liver
mammals	hygiene	fats	oesophagus	reproduce	kidney
pets		fibre	transports	foetus	brain
	offspring	water	stomach	baby	skeletal
senses	grow	vitamins	acid	fertilisation	skeleton
tongue – taste	adults	minerals	enzymes	toddler	muscle
nose – smell		skeleton	small intestine – absorbs water	child	muscular
eyes – vision	nutrition	bones	vitamins	teenager	digest
skin – touch	reproduce	joints	large intestine – compacts	adult	digestion
ears – hearing		endoskeleton	colon	old age	digestive
	egg	exoskeleton		life expectancy	circulatory system
head	chick	hydrostatic	teeth	adolescence	heart
leg	chicken	skeleton	incisors – cutting, slicing	adulthood	blood vessels
eyes		vertebrate	canines – ripping, tearing	early adulthood	blood
neck	egg	invertebrate	molars – chewing	middle adulthood	impact
knees	caterpillar	contract	grinding	late adulthood	diet

hair	pupa	relax	floss	childhood	exercise
arms	butterfly	muscles	brush		drugs
face		ball joint			lifestyle
mouth	spawn	socket joint	food chain		nutrients
elbows	tadpole	hinge joint	sun		water
ears	frog	gliding joint	producers		damage
teeth			prey		drugs
	lamb		predators		alcohol
	sheep		carnivore		substances
			herbivore		
	baby		omnivore		
	toddler				
	child				
	teenager				
	adult				

Living Things and their Habitats

year 1	year 2	year 3	year 4	year 5	year 6
	living		environment	life-cycles	classify
	dead		flowering	mammal	compare
	never alive		non-flowering	amphibian	Linnaean
	habitats		plants	insect	Carl Linnaeus
	micro-habitats		animals	bird	classification
	food		vertebrate		domain
	food chain		environment	life process of reproduction	kingdom
	sun		dangers	plants	phylum
	grass			animals	class
	cow		vertebrate	vegetable garden	order
	human		fish	flower boarder	family
	alive		amphibians		genus
	healthy		reptiles	David Attenborough	species
	logs		birds	Jane Goodall	characteristics
	leaf litter		mammals		vertebrates
	stony path		invertebrate	Reproduction	invertebrates
	under bushes		snails	plants: sexual, asexual	microorganisms
	shelter		slugs	animals: sexual	organism
	seashore		worms		flowering
	woodland		spiders	lifecycles around the world	non-flowering
	ocean		insects	rainforest	
	rainforest		plants	oceans	
	conditions		flowering plants (inc. grasses)	desert	
	hot/warm/cold		non-flowering plants (inc. mosses and ferns)		
	dry/damp/wet		human impact	prehistoric	

	bright/shade/dark		positive – nature reserves, ecologically planned parks, ponds	similarities	
			negative – population, development, litter, deforestation	differences	

Materials

year 1	year 2	year 3	year 4	year 5	year 6
Use of Everyday Materials	Use of Everyday Materials	Rocks	States of Matter	Properties and Changes of Material	
material	wood	appearance	solid	properties	
wood	metal	physical	solidify	hardness	
plastic	plastic	properties	iron	solubility	
glass	glass	hard/soft	ice	transparency	
metal	brick	shiny/dull	melt	electrical conductor	
water	rock	rough/smooth	freeze	thermal conductor	
rock	paper	absorbent/not absorbent	liquid	response to magnets	
brick	cardboard	fossils	evaporate	dissolve	
paper		sedimentary	condense	solution	
fabrics	squashing	rock	gas	separate	
elastic	bending	soils	container	separating	
foil	twisting	organic matter	changing state	solids	
	stretching	buildings	heated	liquids	
properties		gravestones	heat	gases	
hard/soft	examples of objects made from:	grains	cooled	evaporating	
stretchy/stiff	wood	crystals	cool	reversible changes	
shiny/dull	rubber		degrees Celsius C	dissolving	
rough/smooth	metal		thermometer	mixing	
bendy/not bendy	plastic		water cycle	irreversible	
waterproof/not waterproof			evaporation	filtering	
absorbent/not absorbent			condensation	sieving	
			temperature	melting	
			melting	chemical	
			warm/cool	measurements	

			water	burning	
			water vapour	rusting	
				magnetism	
				electricity	
				chemists	
				conductivity	
				insulation	

Plants					
year 1	year 2	year 3	year 4	year 5	year 6
common	common	structure			
wild plants	wild plants	flowering plants			
garden plants	garden plants	roots			
deciduous	deciduous	stem/trunk			
evergreen	evergreen	leaves			
		flowers			
plant	plant				
leaf	leaf	function			
root	root	nutrition			
leaves	leaves	support			
bud	bud	reproduction			
flowers	flowers	makes its own food			
blossom	blossom				
petals	petals	requirements for life and growth			
root	root	air			
stem	stem	light			
		water			
tree	grow	nutrients from the soil			
deciduous	healthy	room to grow			
evergreen		needs vary			
trunk	tree	fertiliser			
branches	deciduous				
leaf	evergreen	life cycle			
root	trunk	flowers			
	branches	pollination			
fruit	leaf	seed formation			
vegetables	root	seed dispersal			

bulb					
seed	fruit				
	vegetables				
	bulb				
	seed				
	water				
	vegetables				
	bulb				
	seed				
	water				
	light				
	suitable				
	temperature				
	germination				
	reproduction				

Earth and Space

year 1	year 2	year 3	year 4	year 5	year 6
				Earth	
				Sun	
				Moon/moons	
				planets	
				stars	
				solar system	
				Mercury	
				Venus	
				Mars	
				Jupiter	
				Saturn	
				Uranus	
				Neptune	
				Pluto	
				rotate	
				day	
				night	
				Aristotle	
				Ptolemy	
				Galileo	
				Copernicus	
				orbit	
				axis	
				spherical	
				heliocentric	
				geocentric	
				hemisphere	
				season	
				tilt	

Light

year 1	year 2	year 3	year 4	year 5	year 6
		light			light
		see			travels
		dark			straight
		reflect			
		surface			reflect
					reflection
		natural			
		star			light source
		Sun			
		Moon			object
		shadow			shadows
		blocked			
		solid			mirrors
					periscope
		artificial			
		torch			rainbow
		candle			filters
		lamp			
		sunlight			
		dangerous			
		protect eyes			

Seasonal Changes

year 1	year 2	year 3	year 4	year 5	year 6
season					
summer					
autumn					
winter					
spring					
day					
daytime					
weather					
wind					
rain					
snow					
hail					
sleet					
fog					
sun					
hot					
warm					
cold					