

Science Biology : Animals including humans

DREAM Key Vocabulary—Nursery + Reception

fur	feathers	scales	tail	wings
beak	claws	paws	hooves	Swim
walk	run	jump	fly	spots
stripes	grow	change	die	Baby
child	adult	old person	man	woman

BELIEVE Key Vocabulary—Year 1 + 2

see	hear	feel	smell	taste
habitat	pet	wild animals	insect	minibeast
food	eat	head	neck	body
arms	legs	ears	eyes	nose
mouth	tongue	hands	feet	fingers
toes	elbows	knees	hair	teeth
grow	healthy	offspring	adults	Young
water	air	survive	exercise	hygiene
egg	chick	chicken	caterpillar	pupa
moth	butterfly	tadpole	frog	frog spawn
lamb	sheep	calf	cow	foal
horse	butterfly	tadpole	frog	frog spawn
fish	amphibians	reptiles	birds	mammals
carnivores	herbivores	human	body	senses

## Science Biology : Animals including humans

### JUNIOR ACHIEVE Key Vocabulary—Year 3 + 4

<b>nutrition</b>	<b>diet</b>	<b>skeleton</b>	<b>muscles</b>	<b>protection</b>
<b>support</b>	<b>movement</b>	<b>bones</b>	<b>skull</b>	<b>shell</b>
<b>digestion</b>	<b>stomach</b>	<b>small intestine</b>	<b>large intestine</b>	<b>oesophagus</b>
<b>teeth</b>	<b>molar</b>	<b>pre-molar</b>	<b>incisor</b>	<b>canine</b>
<b>saliva</b>	<b>herbivore</b>	<b>carnivore</b>	<b>omnivore</b>	<b>producer</b>
<b>predator</b>	<b>prey</b>	<b>food chain</b>	<b>small intestine</b>	<b>large intestine</b>

### SENIOR ACHIEVE Key Vocabulary—Year 5 and 6

<b>puberty</b>	<b>gestation period</b>	<b>circulatory system</b>	<b>heart</b>	<b>lungs</b>
<b>blood</b>	<b>blood vessels</b>	<b>lifestyle</b>	<b>disease</b>	<b>oxygen</b>
<b>air</b>	<b>breathing</b>	<b>exercise</b>	<b>diet</b>	<b>drugs</b>
<b>oxygen</b>	<b>Carbon dioxide</b>	<b>pulse rate</b>		

## Science : Seasonal changes

### DREAM Key Vocabulary—Nursery + Reception

<b>spring</b>	<b>summer</b>	<b>autumn</b>	<b>winter</b>	<b>seasons</b>
<b>sunny</b>	<b>cloudy</b>	<b>Hot</b>	<b>warm</b>	<b>cold</b>
<b>storm</b>	<b>thunder</b>	<b>lightning</b>	<b>hail</b>	<b>sleet</b>
<b>snow</b>	<b>frost</b>	<b>puddles</b>	<b>windy</b>	<b>rainbow</b>
<b>rainy</b>	<b>icy</b>			

### BELIEVE Key Vocabulary—Year 1 + 2

<b>sun</b>	<b>sunrise</b>	<b>sunset</b>	<b>day</b>	<b>night</b>
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## Science Biology : Plants

### DREAM Key Vocabulary—Nursery + Reception

<b>plant</b>	<b>leaf</b>	<b>stem</b>	<b>branch</b>	<b>root</b>
<b>flower</b>	<b>petal</b>	<b>seed</b>	<b>berry</b>	<b>fruit</b>
<b>vegetable</b>	<b>bulb</b>	<b>plant</b>	<b>soil</b>	<b>hole</b>
<b>water</b>	<b>dig</b>	<b>weed</b>	<b>shoot</b>	<b>dead</b>

### BELIEVE Key Vocabulary—Year 1 + 2

<b>plants</b>	<b>wild plants</b>	<b>garden plants</b>	<b>evergreen trees</b>	<b>deciduous trees</b>
<b>flowering plants</b>	<b>flowers</b>	<b>vegetables</b>	<b>leaf/leaves</b>	<b>flower</b>
<b>blossom</b>	<b>petal</b>	<b>stem</b>	<b>trunk</b>	<b>branch</b>
<b>root</b>	<b>seed</b>	<b>bulb</b>	<b>bud</b>	<b>growth</b>
<b>grow</b>	<b>habitat</b>	<b>local environment</b>	<b>leaf fall</b>	<b>water</b>
<b>light</b>	<b>temperature</b>	<b>healthy growth</b>	<b>survive</b>	<b>soil</b>
<b>germinate</b>	<b>stages of growth</b>			

### JUNIOR ACHIEVE Key Vocabulary—Year 3

<b>functions</b>	<b>nutrients</b>	<b>nutrition</b>	<b>air</b>	<b>fertiliser</b>
<b>life cycle</b>	<b>pollination</b>	<b>seed formation</b>	<b>seed dispersal</b>	<b>reproduce</b>

**Science Biology : Living things and their habitats (including evolution and inheritance)**

**DREAM Key Vocabulary—Nursery + Reception**

**leaves**

**seeds**

**conkers**

**acorns**

**twigs**

**bark**

**shells**

**feathers**

**pebbles**

**bush**

**BELIEVE Key Vocabulary Year 2**

**pond**

**garden**

**field**

**park**

**woodland**

**sea shore**

**river**

**ocean**

**forest**

**rainforest**

**stones**

**rocks**

**logs**

**leaf litter**

**habitat**

**micro-habitat**

**living**

**dead**

**not living**

**alive**

**healthy**

**food**

**food chain**

**depend**

**source of  
food**

**shelter**

**grow**

**growth**

**healthy**

**JUNIOR ACHIEVE Key Vocabulary Year 4**

**environment**

**non-flowering  
plants**

**ferns**

**mosses**

**flowering  
plants**

**grasses**

**vertebrate  
animals**

**fish**

**birds**

**mammals**

**amphibians**

**reptiles**

**invertebrate  
animals**

**snails**

**worms**

**slugs**

**spiders**

**insects**

**human  
impact**

**litter**

**deforestation**

**population  
increase**

**nature  
reserves**

**Science Biology : Living things and their habitats (including evolution and inheritance)**

**SENIOR ACHIEVE Key Vocabulary Year 5 + 6**

<b>life cycles</b>	<b>reproduction</b>	<b>life processes</b>	<b>sexual</b>	<b>asexual</b>
<b>reproduction (plants)</b>	<b>inheritance</b>	<b>classification</b>	<b>micro-organisms</b>	<b>organisms</b>
<b>evolution</b>	<b>evolve</b>	<b>adaptation</b>	<b>variation</b>	<b>inherit</b>
<b>bulbs</b>	<b>plantlets</b>	<b>runners</b>	<b>cuttings</b>	<b>metamorphosis</b>

## Science Physics : Light

JUNIOR ACHIEVE Key Vocabulary—Year 3

**light**

**dark**

**reflect**

**shadow**

**opaque**

**mirror**

**reflective**

DT ACHIEVE Key Vocabulary—Year 6

**light sources**

**periscope**

## Science Physics : Sound

SENIOR ACHIEVE Key Vocabulary—Year 6

**sound**

**vibration**

**vibrate**

**pitch**

**volume**

**insulation**

## Science Physics : Earth and Space inc Seasonal Changes

### DREAM Key Vocabulary—Nursery + Reception

spring	summer	autumn	winter	seasons
sunny	cloudy	Hot	warm	cold
storm	thunder	lightning	hail	sleet
snow	frost	puddles	windy	rainbow
star	space	sun	moon	planet

### BELIEVE Key Vocabulary—Year 1 + 2

sun	sunrise	sunset	day	night
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### SENIOR ACHIEVE Key Vocabulary—Year 5

Solar system	planets	Mercury	Venus	Earth
Mars	Jupiter	Saturn	Uranus	Neptune
moon	stars	spherical bodies	rotation	orbit
satellite				

## Science Physics : Electricity

### DREAM Key Vocabulary—Nursery and Reception

electricity

plug

battery

wire

socket

### JUNIOR ACHIEVE Key Vocabulary—Year 4

electricity

simple circuit

light bulb

cell

wire

buzzer

switch

motor

battery

series circuit

conductor

insulator

### SENIOR ACHIEVE Key Vocabulary—Year 6

voltage

components

symbols

circuit diagram

## Science Physics : Forces and Magnets

### JUNIOR ACHIEVE Key Vocabulary—Year 3

move

movement

surfaces

forces

push

pull

contact

distance

magnet

bar magnet

attract

horseshoe  
magnet

magnetic  
materials

repel

poles

### SENIOR ACHIEVE Key Vocabulary—Year 5

gravity

air resistance

Water  
resistance

friction

levers

pulleys

gears

springs

## Science Chemistry : Materials

### DREAM Key Vocabulary—Nursery + Reception

mix	stir	change	material	burn
melt	hard	runny	freeze	cold
hard	soft	bendy	stiff	wobbly
ice	water	melt	soggy	frozen

### BELIEVE Key Vocabulary—Year 1 & 2

Materials	wood	paper	plastic	metal
glass	water	rock	brick	stone
fabric	foil	foil	elastic	dough
rubber	card	cardboard	clay	object
make/made	hard/soft	shiny/dull	stretchy/stiff	rough/ smooth
bendy/not bendy	waterproof/ not waterproof	transparent/ opaque	absorbent/ not absorbent	squash

### JUNIOR ACHIEVE Key Vocabulary—Year 3 & 4

rock	soil	fossil	grains	crystals
organic matter	sedimentary rock	solid	liquid	gas
temperature	Heat (ing)	cool (ing)	water cycle	evaporation
condensation	melting	freezing		

ACHIEVE Key Vocabulary—Year 5

<b>properties</b>	<b>hardness</b>	<b>solubility</b>	<b>transparency</b>	<b>electrical conductivity</b>
<b>thermal conductivity</b>	<b>magnetism</b>	<b>dissolve</b>	<b>solution</b>	<b>substance</b>
<b>separating</b>	<b>mixing</b>	<b>filtering</b>	<b>sieving</b>	<b>reversible changes</b>
<b>burning</b>	<b>rusting</b>	<b>reactions</b>	<b>irreversible change</b>	

## Science : Working Scientifically

### DREAM Key Vocabulary—Nursery + Reception

look	observe	watch	touch	Feel
smell	listen	same	different	compare
ask	record	sort	group	question

### BELIEVE Key Vocabulary—Year 1 + 2

experience	observe	changes	patterns	grouping
sorting	classifying	compare	identify	data
measure	record	equipment	questions	tests
investigate	explore	magnifying glass	hand lens	

### JUNIOR ACHIEVE Key Vocabulary—Year 3 + 4

develop	enquiry	practical	Fair test	comparative
test	relationships	conclusion	accurate	thermometer
data logger	estimate	data	diagram	key
table	chart	Bar chart	results	Predictions
explanations	reasons	similarity	difference	question
evidence	information	findings	criteria	values
properties	characteristics			

### SENIOR ACHIEVE Key Vocabulary—Year 5 + 6

variables	evidence	justify	accuracy	precision
scatter graphs	Bar graphs	Line graphs	argument	casual relationship