

# Science vocabulary and definitions

Year 1

Biology	Physics	Chemistry
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Materials (Everyday materials)	
material	substance of which something is made of
property	is the word that describes what something is like
use	a purpose for or way in which something can be used
rock	the hard substance which the earth is made up of
water	clear liquid that has no colour, taste or smell
fabric	cloth or other material produced by weaving together cotton, wool or other threads
shiny	things that are bright and reflect light
dull	a colour or light that is not bright
rigid	firm and does not bend
flexible	capable of bending easily without breaking
brittle	hard but able to break easily
waterproof	does not let water pass through it
absorbent	material that soaks up liquid easily
opaque	if an object or substance is opaque, you cannot see through it
transparent	if an object is transparent, you cannot see through it
rough	uneven and not smooth
smooth	no roughness, lumps or holes
elastic	a rubber material that stretches when you pull it and returns to its original size and shape when you let it go

Forces and Magnets (Pushes and Pulls)	
push	when you push something, you use force to make it move away from you or away from its previous position
pull	when you pull something, you hold it firmly and use force in order to move it towards you or away from its previous position
direction	the path along with something moves
force	the pulling or pushing effect that something has on something else
forwards	is the direction ahead of you
backwards	is the direction behind you

Seasonal Change	
hibernate	animals that hibernate spend the winter in a state like a deep sleep
migrate	when animals move at a particular season from one part of the world to another
temperature	a measure of how hot or cold something is
thermometer	an instrument for measuring how hot or cold something is
summer solstice	is the day with the longest period of daylight
winter solstice	is the day with the shortest period of daylight and the longest night of the year
season	the main times of the year which can be divided and which have their own typical weather
hail	is a lump of ice that falls out of a storm cloud
fog	is mist which is very thick
lightening	is a powerful burst of electricity
thunder	the loud sound that follows a flash of lightening
mist	a mass or cloud of tiny water drops in the air

Animals including humans	
amphibian	is a class of animal. They live the first part of their lives in water and last part on the land
bird	a creature that has feathers, wings, lay eggs and are warm blooded
fish	a creature that lives only in water
mammal	an animal that breathes air, has a backbone and grows hair
reptile	an animal that has scales and lays eggs. They include animals like crocodiles, snakes, lizards and turtles
structure	is something of many parts that is put together
omnivore	person or animal eats all kinds of food, including both meat and plants
herbivore	an animal that only eats plants
carnivore	an animal that eats meat
life cycle	the series of changes that an animal or plant passes through from the beginning of its life until its death
offspring	a person's children or an animal's young
reproduce	to make more by having babies
reproduction	is the process by which a living organism creates a likeness of itself
tadpole	is a young frog that breathes and lives in water
froglet	is a young frog, one that has recently grown from a tadpole
frogspawn	is a soft substance like jelly which contains the eggs of a frog

Plants	
blossom	the flowers that appear on a tree before the fruit
stem	the thin, upright part of a plant on which the flowers and leaves grow
leaf	the part of a tree or plant that are flat, thin and usually green
roots	the parts of a plant that grow under the ground
crown	is the area above the trunk
twig	a very small thin branch that grows out from a main branch of a tree or bush
trunk	the main large stem from which the branches grow

branches	parts that grow out from the tree trunk and have leaves, flowers or fruit growing on them
deciduous	a tree that loses its leaves in the autumn every year
evergreen	a tree or bush which has green leaves all the year round
fruit	something which grows on a tree/bush and which contains seeds or a stone covered by a substance that you can eat
petal	thin coloured or white parts which form part of the flower