

# Glossary Year 2

## Disciplinary vocabulary (the words used when working scientifically)

accurate	an adjective used to describe a measurement or observation that is exact
bar chart	a way to show measurements or amounts by using bars of different heights
classify	to group objects according to similarities in appearance or properties
comparative test	a science enquiry to compare different materials or events
diagram	a drawing that shows the parts of something or how the parts work together
effect	a change which is the result of something
enquiry	a method scientists use to collect information to answer questions
explain/ explanation	to give reasons for what you have done or found out
fair	when everything is kept the same except the thing that is being compared
group	to place objects, materials or living things into sets
identify	to know and say what something is
measure/ measurement	to use equipment to find out the exact size or weight of something
observe/ observation	to look carefully at something, to notice what it is like or how it has changed; can involve all senses not just sight
observing over time	an enquiry where observations are made over a fixed period of time
order	to place objects in a sequence or pattern
pattern	something that happens or appears in a regular and repeated way
pattern seeking	an enquiry looking for a pattern between two things
predict/ prediction	to say what you think will happen
rank	to put things in an order
results	the findings from an enquiry
temperature	a measure of how hot or cold something is
test	to carry out a science enquiry to find something out
thermometer	a piece of equipment used to measure temperature

## Conceptual vocabulary (the Physics, Biology or Chemistry words)

absorb/ absorbent	to take in fluid
adult	grown up animal
alive	living, not dead
amphibian	an animal that lives in water or on land but must return to the water to reproduce
bend	to move from a straight to a curved shape
bird	an animal that has feathers and lays eggs with hard shells

birth	when a baby animal comes out of an egg or out of its mother
bouncy/ bounciness	an adjective used to describe something that springs back or up after hitting something
breathe	to draw air into the body and let it out
bulb	a rounded structure which acts as a food store; a new plant will sprout and grow from it
conditions	factors that affect a living thing
consumer	a living thing which has to eat other animals or plants to gain its food
dead	no longer alive
decay	to rot
decomposer	a living thing that breaks down dead plants, animals or waste
depend	to strongly need and receive help from an outside source in order to live
diet	the kind of food an animal usually eats
durable	able to withstand wear, pressure or damage
elastic/elasticity	able to stretch, bend or twist without breaking and then return to original form
fish	an animal that lives in water and has gills and fins
flexible	able to bend easily without breaking
flower	the part of a plant which is often coloured other than green and grows above the ground
food chain	a series of living things where each one is food for the next
germinate/ germination	when a seed starts to grow
habitat	a place where an animal or plant finds the things it needs to live and grow
healthy	well
hygiene/ hygienic	being clean to stay healthy
insect	a small six-legged animal with body in three parts and often with wings
invertebrate	an animal that has no internal backbone
leaf	a flat part of a plant which is attached to a stem
life cycle	the series of changes in the life of an animal from birth to death
light	produced by a light source and makes it possible for the eye to see things
mammal	an animal that is covered in hair or fur; the female gives birth to live young and feeds her babies on milk from her own body
material	the substance something is made of
mature	has completed its development
never been alive	has never been a living thing, or part of one
omnivore	an animal that eats both plants and other animals
once alive	was once a living thing, or part of one, but is now dead
opaque	an adjective used to describe a material you can't see through
producer	a living thing, such as a plant, which makes its own food
property	what a material is like
reptile	an animal that has dry, scaly skin and lays eggs on land
reuse	to use a material or object again

rigid	unable to bend
roots	the part of a plant which grows under the ground
seed	a plant part from which a new plant grows
seedling	a young plant
shelter	something that provides cover or protection
soil	the top layer of the Earth's surface; a mixture of bits of rock and remains of living things that have died
squashy	can be crushed or squeezed, keeping the same volume, so that it becomes flat or out of shape
stem	the part of a plant which grows above the ground and which holds the leaves and flowers
stiff	cannot be stretched or squashed
stretchy	can be made longer or wider, keeping the same volume, without breaking or tearing
survive	to stay alive
transparent	a material that you can see through
tree	a tall plant that has a hard trunk, branches, and leaves
twist	to move something out of shape with a turning motion
vertebrate	an animal that has an internal backbone
waterproof	does not let water pass through it