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 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

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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

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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