

GLOSSARY

absorb to soak up a liquid

absorbent able to soak up liquid easily

adult an animal that has reached maturity

air a mixture of gases surrounding the Earth

alive living, not dead

animal a living organism that eats food for nutrition

annotate add notes to a piece of text or diagram

apprentice a person who is learning a job or skill from an expert

bar chart a diagram which uses the height of a rectangle to represent the numerical values of variables

birth the the process of bearing young; when a baby animal comes out of an egg or out of its mother

boil to cause a liquid to reach the temperature at which it turns into a gas

breathe to take air in and out of the lungs

brick a block made out of dried clay; used in building

bud a growth on a plant that develops into a new leaf, flower or shoot

bulb rounded part of a plant usually formed underground, which grows into a new plant in the growing season

calf the young of certain animals, for example cows

carnivore an animal which only eats other animals (meat)

Carroll diagram used to group things in a yes/no fashion

catapult a machine that is used to throw missiles

cereals grains that are used for food, for example wheat

chick the young of a bird

classify to group objects according to similarities in appearance or properties

compare to estimate, measure, or note the similarity or dissimilarity between items

compost decayed organic material which is used as a fertiliser for plants

conclusion a summary of what was found out in an investigation

cub the young of certain animals, for example bears and lions

dairy a group of foods that all contain, or are made from, milk

dead no longer alive

decay the rotting of matter through the action of bacteria and fungi

dependent requiring someone else for support

elastic able to resume its normal shape after being stretched

evidence data or observations which can be used to form a conclusion

fabric cloth produced by weaving fibres

fair test an experiment where only one variable has been changed and all others are kept constant

fat a nutrient used as a source of energy

flexible able to bend without breaking

- flower** the reproductive structure in flowering plants
- food chain** a series of organisms dependent on the previous as a source of food
- fruit** part of a plant where seeds develop
- fry** cook in hot fat
- germinate** when a first shoot grows from a seed
- grow** to increase in size or number
- habitat** a place where an animal finds the things it needs to live – food, water, and shelter
- healthy** in a good physical and mental condition
- healthy diet** a diet which provides all the nutrients the body needs in the correct amounts (balanced)
- herbivore** an animal that only eats plants
- herbs** plants used for flavouring, food, perfume or medicine
- hygiene** conditions used to keep the body clean
- hygienic** relating to being clean in order to maintain good health
- identify** to establish what something is
- independent** not requiring anyone else for support
- investigate** to use scientific method to solve a problem
- kid** the young of a goat
- leaf** (plural **leaves**) the parts of the plant that absorb light and gases from the air to aid in the process of making food
- life cycle** the series of changes in the life of an organism from birth to death
- manure** animal dung used as a fertiliser for plants
- material** the matter from which a thing is or can be made
- mature** plant a plant that has completed its development
- metal** a material that is usually solid, shiny and hard
- missile** an object which is propelled at a target
- muscles** body tissues which use contractions to produce movement
- never-lived** has never been a living organism, or part of one, for example metal
- observations** the record of closely monitoring something
- observe** to closely monitor something
- offspring** the young of a living organism
- omnivore** an animal that eats both plants and other animals
- once-lived** was once a living organism, or part of one, but is now dead, for example wood
- opaque** not able to be seen through; not transparent
- order** to place objects in relation to each other according to a sequence or pattern
- pattern** a regular sequence
- physical activity** movement of the body; exercise
- plan (noun)** a set of instructions

GLOSSARY

plant (noun) a living organism that contains the green pigment chlorophyll and can make its own food

plant (verb) to place a plant or seed into the ground

plastic a synthetic material that can be moulded into shape when soft and then sets into a rigid form

plot to draw points onto a chart

predict to use scientific knowledge to say what you think will be the result of an investigation

prediction what you think will be the result of an investigation

pregnancy the period between conception and birth

property (plural **properties**) a characteristic of a material

pulse the movement of blood through an artery which can be felt on the surface of the skin

radicle the first part of a seedling to emerge from a seed

record to write down measurements or observations

rigid unable to bend without breaking; not flexible

rock a solid natural mineral which forms part of the Earth

root part of a plant that grows into the ground, anchors the plant and takes in water and minerals

scale a range of values used for measuring

scatter graph a graph of plotted points which shows the relationship between two sets of data

seedling a young plant

seeds embryos produced by a plant that can grow into a new plant

shelter something that provides cover or protection; a home

shoot a young stem or root

simmer to heat a liquid just under its boiling point so it bubbles gently

soil a mixture typically containing organic matter, clay, rock particles and living organisms

source of food where food can be obtained

stem the part of a plant that supports the branches, leaves and flowers. It helps to take water and nutrients around the plant.

table a way to organise data into columns so the relationship between variables can be seen

tally chart a table used to record data where each score is represented as a line

teenager a person between the ages of 13 and 19

toddler a young child who is learning to walk; around 1-3 years old

translucent property of a substance which light can be seen through, but not detailed shapes

transparent see-through

unhealthy in poor physical and/or mental health

vegetable a plant, or part of a plant, used as food

Venn diagram a diagram used to sort things into circles, with common elements of the sets being placed in the intersections of the circles

waterproof keeps out water

wilting the process of a plant becoming limp due to a loss of water