

Substantive Knowledge

Things that are living move, feed, grow, reproduce and use their senses.

Animals grow until they reach **maturity** and then they don't grow any larger.

Animals **reproduce** when they reach maturity (adulthood).

All animals eventually **die**.

Different animals live to different ages.

Different animals reach different sizes before they are able to reproduce.

Different animals reproduce at different ages.

Animals, including humans, have **offspring** which grows into adults.

Exercise, eating the right amounts of different types of food and hygiene are important to maintain good health and wellbeing.

Habitats are places where animals and plants live.

Animals live in different habitats in which they are suited.

Different kinds of animals and plants depend on each other within **habitat**.

Animals get their food from plants and other animals. This can be shown in a **food chain**.

A food chain begins with a **producer**. This is often a green plant because plants can make their own food,

A living thing that eats other plants is called a consumer.

Disciplinary Knowledge

Gathering and recording data to help in answering questions.



Significant Scientists

Dame Jane Goodall



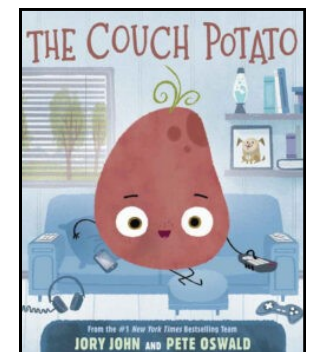
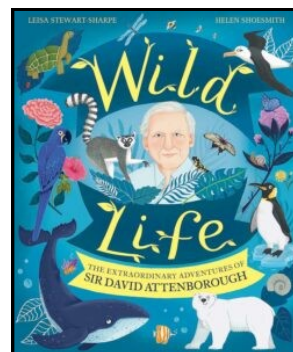
Dame Jane Morris Goodall is a zoologist, primatologist and anthropologist. She is considered the world's foremost expert on chimpanzees, after 60 years' studying the social and family interactions of wild chimpanzees.

Dr Tanesha Allen



Tanesha is a zoologist/behavioural ecologist who studied Zoology at the University of Cambridge. During her time in Oxford, she won a Royal Society Partnership Grant to teach local primary and secondary school students about wildlife monitoring.

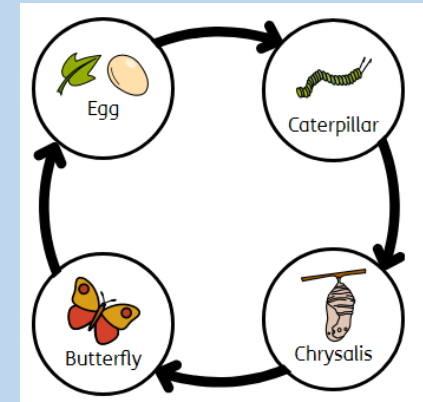
Interesting Books



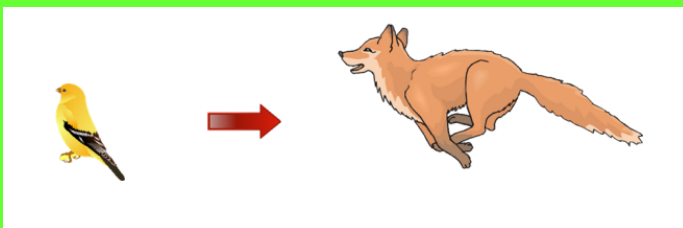
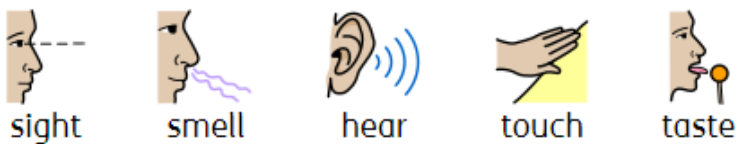
Key Vocabulary

maturity	Being fully grown or adult.
reproduce	To produce another living thing of the same kind.
die	To stop living.
offspring	The child or young of a particular human, animal or plant.
life cycle	The stages a living thing goes through during its life.
food chain	Describes the other in which living things depend on each other for food.
producer	Something that has the ability to make its own food, usually a plant.
consumer	An organism that must get its energy from eating a plant or animal.

Life Cycles



Prior Knowledge



Food Chains

The arrows show the direction the energy is transferred.



The arrow means 'is eaten by'.