



Science focus	Animals including Humans	Year 2	Autumn Term
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What? (Key knowledge)

Animal Survival and offspring

Water	All animals need water to survive. Animals need water for hydration. As humans we can survive on average 3 days without water.
Food	Food is another of the three things animals need to survive. Food provides energy for animals to go about their lives. Some animals that hibernate during colder months store food as fat. On average humans can survive for 3 weeks without food.
Air	No animal will survive without air. Air is what animals breath. Air has oxygen in it which is a vital component in a process called respiration. On average a human can survive 3 minutes without air.
Offspring	Offspring is the child of an adult animal.
Life cycle	A life cycle shows the development of animals and the changes that occur when an animals grows into an adult
Adult	An adult animal is one that is fully grown.
Young/live young	Offspring that has not yet reached adulthood. Live young are animals that do not hatch from an egg.

Humans—fitness and healthy eating

Diet	A diet refers to the food and water an animal needs to be healthy.
Exercise	Exercise is a physical activity that helps to keep your body fit and healthy.
Nutrition	Nutrition is the food we need to live. There are different food categories in which different foods have different nutritional values.
Pulse	The rhythmic beating of your heart pumping blood around your body. You can feel your pulse in your wrist and neck.

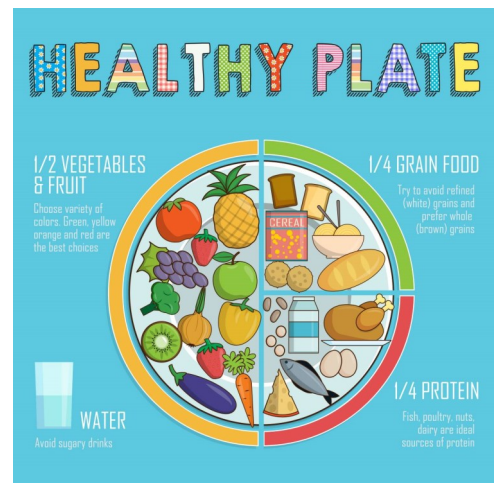
Humans— Hygiene

Hygiene	How we keep ourselves and the world around us clean so we can stay healthy and stop germs spreading.
Disease	An illness or sickness.

What? (Key Vocabulary)

Basic needs	What animals need in order to survive.
Fitness	Condition of being physically fit ad healthy.
Survival	Continuing to live and exist
Habitat	The natural home or environment in which an animal lives
Hibernate	To spend the winter in a dormant state
Healthy	In good physical and mental condition

Diagrams and symbols



Investigations

Comparing hand spans