

# How do animals survive?

Year 4 Crew  
Knowledge Organiser  
Terms 5 and 6



## Vocabulary

S c i e n c e	Digestion	The breakdown of large food molecules into small molecules that the body can absorb.
	Organs	A group of tissues in a living organism that work together for a certain function.
	Circulatory	The system that moves blood around the body. This system carries oxygen, nutrients and hormones to cells and removes waste products.
	Classification	Arranging similar things into groups. It is a system used by scientists to describe living things.
	Adaptation	Body parts or behaviors that help a living thing survive in an environment.
	Environment	All the physical surroundings on Earth. This includes everything living and non-living.
	Food Chain	The order in which living things depend on each other for food.
	Nutrients	Important substances that a living thing needs to survive and grow.
	Peristalsis	The movement of the muscles in the oesophagus which is part of the digestive system.
	Enzymes	In the digestive system, these are special chemicals found in the stomach that break down food.
G e o g r a p h y	Ocean	A huge body of salt water. There are 5 main areas; the Pacific, the Atlantic, the Indian, the Arctic and the Antarctic.

## Enquiries

- What makes me human?
- What do I need to survive?
- How do nature's species adapt to the environment?
- Why do we need to protect different species?
- How does our climate impact survival?
- How have different communities adapted to where they live?
- How can change impact nature?
- How can I keep healthy?

## Key Facts

**Digestion** is the process that breaks down the food that we eat into other substances that our bodies can use. Without digestion, we could not **absorb** food into our bodies and use it.

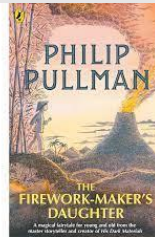
Know the organs in the digestive system: **mouth, teeth, tongue, oesophagus, stomach, gallbladder, pancreas, liver, kidneys, large intestine (colon), small intestine, rectum.**

Know the stages of digestion: **chewing; swallowing; stomach digestion; intestine digestion; absorption, and waste elimination**

Know that teeth are an important part of digestion – **incisors, molars, canines, pre-molars.**

Biting and grinding your food increases the surface area. The heart beats around 100,000 times a day. Inside the heart the two small upper chambers are called the atria and the two lower chambers are called the ventricles.

## Anchor texts



[Pie Corbett animal Poems](#)

## Diagrams

