

Year 3/4 Animals including Humans Knowledge Organiser



What do I already know ?



- I can identify and group animals into the five main animal groups (fish, amphibians, reptiles, birds and mammals).
- I can name animals that are carnivores, herbivores and omnivores.
- I can describe the basic needs of animals (water, food and air).
- I know that humans need to eat a balanced diet, take regular exercise and have good hygiene to be healthy.

Gems of knowledge



- I will learn why humans and some other animals have skeletons.
- I will learn how muscles work.
- I will learn why the human body needs a balanced diet to work properly.

How will I work like a Scientist?



I can ask relevant questions (Year 3 with support) and use different types of scientific enquiry to answer them.

Key vocabulary	Picture	Meaning
Nutrient		A substance that helps our bodies to grow and stay healthy.
Joints		An area where two or more bones meet.
Skeleton		The inner framework of bones in some animals.
Muscles		Soft tissue in the body that supports movement
Invertebrate		Animals without backbones.
Vertebrate		Animals with backbones.

Significant Scientist



Marie Curie discovered radioactivity.

She used her discovery to improve x-rays. During WW1, she created mobile x-ray units which allowed doctors to see if a soldier had broken bones or a bullet inside their body. **Her discovery saved lives.**



Careers in Biology (Human body)



Radiographers are doctors who are trained to interpret x-rays. They diagnose different conditions and injuries.

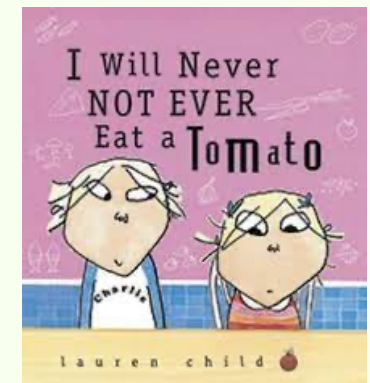
Physiotherapists help people affected by injury, illness or disability through movement and exercise.

Read me!



Funnybones by
Janet & Allan
Ahlberg

I Will Never Ever
Eat a Tomato by
Lauren Child



Both available to listen to on YouTube.