

## Year 3 – Animals, including Humans.



### Scientific Knowledge and Conceptual Understanding:

1. LO: I can identify that humans have bones for support, protection and movement.  
[How does our skeleton help us?](#)
2. LO: I can set up a simple practical enquiry.  
LO: I can communicate my results.  
[Do our bones affect what we can do?](#)
3. LO: I can identify that humans have muscles for support, protection and movement.  
[What do our muscles do?](#)
4. LO: I can identify that some other animals have bones for support, protection and movement.  
[Do all animals have the same skeleton?](#)
5. LO: I can understand that animals, including humans, need the right type of nutrition.  
[What types of nutrition do we need?](#)

### Previous and Future Learning:

Year 1	Children looked at how to group animals including based on their diet.
Year 2	Children studied animals and their offspring and the basic needs that animals need to survive.
Year 4	Children will recap grouping animals in different ways based on their features, nutrition and skeleton. They will also create classification keys based on their study.
Year 5	Children will explore how humans change over time.
Year 6	Children will learn about the impact exercise, diet, drugs and lifestyle have on the human body as well as learning about how water and nutrients are transported around the body.
KS3	Children will study the skeleton and muscles in more depth including biomechanics where they will investigate the interaction between the muscles and bones. They will also study nutrition in more depth looking at the requirements for a healthy diet, calculations for energy requirements and the consequences of imbalances.

### Key Vocabulary:

nutrition  
healthy  
bones

skeleton  
unhealthy  
vertebrate

muscles  
diet  
invertebrate