

## Knowledge Progression

Can I explain how living things get their food?

Can I explain that animals, including humans, need the right amounts and types of food (nutrition)?

Can I explore and identify the function of the skeleton?

Can I investigate the function of the muscles?

Do people with the longest legs jump the furthest?



## Year 3 Animals, including Humans

### Science Knowledge Organiser

Knowledge

Skills

Vocabulary

### Curriculum Coverage

Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat

Identify that humans and some animals have skeletons and muscles for support, protection and movement.

### Scientific Enquiry

How do living things get their food?  
 Why do animals need to eat different foods?  
 Which food do animals need in order to survive?  
 What is a healthy diet for humans?  
 What are bones for?  
 What is the skeleton? What do the muscles do?  
 Who has the quickest reaction times?  
 Do people with the longest legs jump the furthest?

### Scientific Vocabulary

Nutrition

Diet

Vitamins, minerals, fats, proteins and carbohydrates

Functions of skeletons - protect, support and aid movement

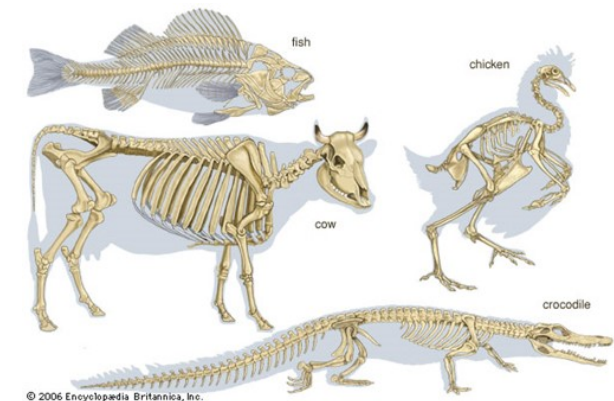
Movement - the skeleton provides a structure for movement

Protection - the skeleton protects many vital organs

Support - the skeleton provides the scaffolding for the rest of the body.

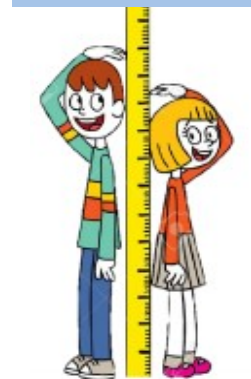
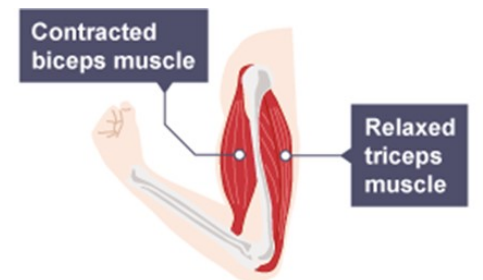
## Skills Progression

To be able to record using drawings.  
 To be able to report on findings from enquiries.  
 To be able to use evidence to answer questions.  
 To be able to set up a comparative test.  
 To be able to record data in a table.  
 To be able to identify the correct type of enquiry to answer a question.  
 To be able to record data in a scatter graph.



BONES

MUSCLES



Pattern Seeking



Fair Testing



Identifying and Classifying



Researching



Observing over Time

