



## KS2 Working Scientifically: What do skeletons and muscles do?



### Session Description

This 70 minute session asks students to complete a variety of hands on activities that enable them to work out for themselves how skeletons and muscles are useful.

The session also includes meeting a live animal and looking at animal artefacts such as skins and feathers.

Aimed at lower KS2: Years 3 and 4.

May also be suitable for upper KS2: Years 5 and 6.

### Learning Objective

To explore the benefits of humans and other animals having a skeleton and muscles.

### National Curriculum Links

#### SCIENCE

##### Year 3: Animals, including humans

- identify that humans and some other animals have skeletons and muscles for support, protection and movement.

##### Working scientifically for years 3 and 4:

- asking relevant questions and using different types of scientific enquiries to answer them
- setting up simple practical enquiries, comparative and fair tests
- making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers
- gathering, recording, classifying and presenting data in a variety of ways to help in answering questions
- using straightforward scientific evidence to answer questions or to support their findings

### Linked Resources

[Discovery Boxes](#)  
[KS2 Look, Learn and Do](#)



**Marwell  
Wildlife**