

KS3 Adaptation & Evolution



Session description

In this session students find out about natural selection and why variation is important for species survival.

Using bio-artefacts (skulls and skins) students look at the observable differences between the tiger and the snow leopard and discuss the factors which have influenced their evolution into two very distinct species of big cat.

Learning Objective

To identify animal adaptations and know that variation can drive natural selection.

National Curriculum Links

SCIENCE

Genetics and evolution

Inheritance, chromosomes, DNA and genes

- differences between species
- the variation between species and between individuals of the same species means some organisms compete more successfully, which can drive natural selection
- changes in the environment may leave individuals within a species, and some entire species, less well adapted to compete successfully and reproduce, which in turn may lead to extinction

Linked Resources

KS3 Adaptation trail



**Marwell
Wildlife**