



## KS3 Working Scientifically: Can you catch a conservation criminal?



### Session Description

This 70 minute session encourages pupils to use their scientific skills in a role-play scenario to work out if someone is illegally smuggling endangered animal artefacts through customs.

They must observe animal artefacts closely, including measuring them so they can use a key to work out which species the artefacts relate to. Accuracy and precision is vital here as they don't want to convict an innocent person!

Aimed at KS3. May also be suitable for high ability upper KS2 (years 5/6) or lower ability post 14/EBD groups. This session is only available in the Spring and Autumn terms and therefore cannot be booked online. To book this session, please phone 01962 777970.

### Learning Objective

To understand the importance of maintaining biodiversity and how our actions can have an impact.

### National Curriculum Links

#### SCIENCE

##### Interactions and interdependencies

Relationships in an ecosystem

- the interdependence of organisms in an ecosystem, including food webs and insect pollinated crops.
- the importance of plant reproduction through insect pollination in human food security.
- how organisms affect, and are affected by, their environment, including the accumulation of toxic materials.

##### Genetics and evolution

Inheritance, chromosomes, DNA and genes

- 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.
- the importance of maintaining biodiversity and the use of gene banks to preserve hereditary material.

### Linked Resources

[Discovery Boxes](#)  
[KS3 Threatened Species Trail](#)



**Marwell**  
**Wildlife**