

# The Colour of Nature

## Key Stage 3



Why are there so many colours in the natural world? This practical workshop links Key Stage 3 Biology and Physics and encourages students to consider what colour is, the different ways colour is produced and how colour is an adaptation in the natural world.



### Length of Session:

90 minutes

### Maximum group size:

Each workshop has a maximum capacity of 30 students accompanied by 2 members of staff

### This session is based on the following curriculum themes:

- Students should be taught that science involves the sharing of understanding across disciplines.
- Students should be taught the use of appropriate methods to communicate, present and discuss scientific issues.
- Students should be taught that all living things interact with each other and their environment.

## Session outline

**Part 1:** Students take part in an interactive talk about colour and its significance in the natural world. This talk uses a range of amazing Museum specimens.

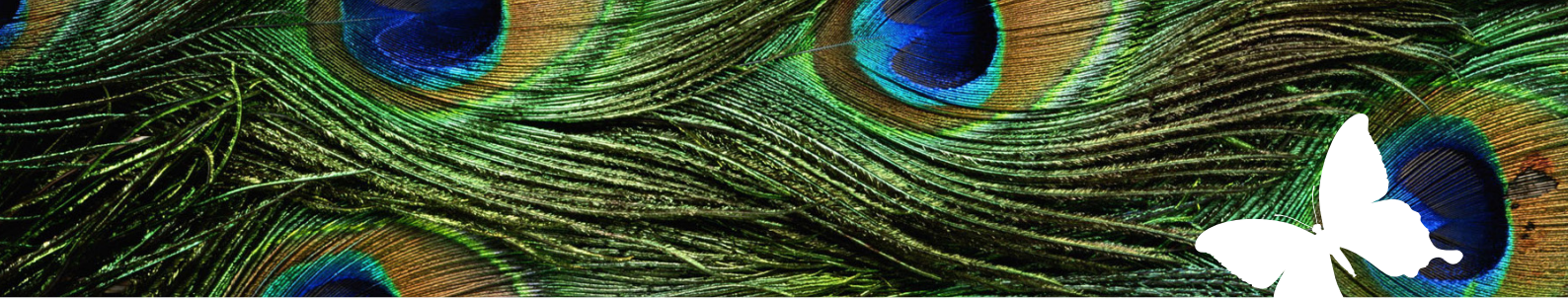
**Part 2:** Gallery trail looking at examples of camouflage, display and mimicry in the collection.

**Part 3:** Students prepare and give a short presentation about their favourite colourful specimen.

**Part 4:** Plenary and Evaluation



Museum of  
Natural  
History



## Learning outcomes

- Students can describe colour as the reflection and absorption of different wavelengths of light.
- Students can explain that colouration of living things is an adaptation which can help survival and reproduction
- Students take a more active interest in the natural world through close access to museum specimens

## Suggested pre- and post-visit work



Look at the selection of interactive activities available using the following links:

<http://www.pstt.org.uk/resources/curriculum-materials/the-science-of-colour/key-stage-3-materials.aspx>

<http://www.funtrivia.com/playquiz/quiz1584821226578.html>

## For more information...

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