



Peterborough Museum  
& Art Gallery

# Evidence of Evolution

## Upper KS2 School Session: Science, Art, History

Peterborough Museum has an extensive and impressive palaeontology collection, to enable you to work with objects from the Museum collection to explore evolutionary science. Use our fossils to see how fossils tell us about prehistoric animals, our taxidermy and insects to see how colour is used and discover the relationship between modern humans and our early ancestors

### Learning Objectives:

- To understand how Mary Annings’s discoveries changed people’s understanding of the world in the Victorian times
- To recognise that fossils provide information about living things that inhabited the Earth millions of years ago.
- To gather, record, classify and present data to help answer questions.
- To understand how colour is used as an adaptation

### Links to National Curriculum

- Significant figures
- Evolution and Inheritance
- Recognise that living things have changed over time & fossils provide information for this
- Identify how living things are adapted to suit their environment

### Activity 1: Mary Anning

Meet Mary Anning in the Jurassic Gallery and discover more about her life. Discuss how fossils reveal clues about an animal’s appearance and habitat. Think about the effects the discoveries had on society and the scientific understanding at the time.

### Activity 2: The Colour of Nature

Colour as a form of adaptation is the focus for this session. Explore museum specimens to see how animals today use colour to adapt to their environment and to maximise their chance of survival and reproduction.

### Activity 3: Human Evolution

Explore the relationships between present day and ancient humans using a technique employed by scientists studying human evolution: observation-based comparative anatomy

### Activity 4: Paleo Art

Following on from The Colour of Nature activity, pupils will apply their knowledge of adaptation in the present and in the fossil record to create a piece of paleo art; bringing to life the Jurassic seas whilst utilising and developing their scientific, analytical and artistic skills.

### Key Information:

**Duration:** Full day, 10am-2pm

**Cost:** £250 per class+VAT

**Max Group Size:** 35

**Max no of classes:** 2

**Min Staff-Student Ratio:** 1:10

### Booking Process & Questions:

Please contact

**mercy.wilson@**

**peterboroughlimited.co.uk**

**01733 864 731**

We are always happy to adapt to your needs

When the activities and date are agreed, a booking form and risk assessment are emailed to you.

To confirm the visit we ask that you complete the booking form and email it back to us.

