

Pre-visit resource

Science and Marine Life Species



Museum
Gallery
Archive

Science and Species: Marine Life

Early Years Foundation Stage

About this pre-visit resource

This pre-visit resource gives you detailed information about the session you are attending with your class, as well as some extra tips about our venue, so that you can be well prepared for your visit to The Box.

About this workshop

This workshop takes place in **Mammoth** at The Box. It explores the animals and species that have made Plymouth their home over thousands of years. From tiny plankton to enormous whales, this sensory journey introduces your group to the science behind the species that have populated Plymouth, as well as museum and gallery visiting skills.

Curriculum links:

Physical development
Personal, social emotional development
Understanding the world
Mathematics
Expressive arts and design



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Detailed Workshop Outline

The session begins with the facilitator receiving a video message from Jan Freedman, a Curator at The Box – he can't make it to work today and he needs the students to do his job for him! A series of messages guide the students through their subsequent activities.

1. The students start by looking at a 'mystery object' – a turtle shell – and identifying the object's characteristics.
2. The students then look at a map of Plymouth and identify where a turtle and other water-based animals could live in our environment.
3. The students are then given cards of different animals from our 'pickles' collection which they are tasked with finding and identifying – building up their museum visiting skills.
4. The students are brought together again to consider the human impact on the sea and species living within it. They look at different things that humans do to pollute the sea, and identify ways that humans can have a positive impact too –through beach cleaning and reducing their use of plastic.
5. Finally, the students make their own 'pickle' from plasticine to take home.

Key themes

Key themes of the workshop include:

- Marine life
- Object handling and enquiry
- Identifying and classification
- Human impact: pollution vs. conservation

Key vocabulary

Key and new vocabulary covered in the workshop includes:

- Museum
- Gallery
- Sea
- Marine
- Shoreline
- Habitat
- Boat
- Pollution
- Impact
- Pickles
- Molluscs
- Echinoderms
- Jellyfish
- Fish
- Worms
- Crabs

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Preparing for your session

Visit one of the beaches or rivers in or near Plymouth – what are the characteristics of this environment?

Do a beach clean with your students

Plan a pre-visit to The Box before you come with your class, so you are familiar with the environment and spaces before your visit.

Visit the galleries

The galleries at The Box hold objects and archives about the topic you have explored in this session, as well as other fascinating subjects. To find out more about this topic, visit this gallery at The Box:

- Mammoth

Risk assessment

To help you to write your risk assessment for your visit, we have created a Teachers Hazard Assessment which holds common risks and solutions that you might want to include. Visit this page <https://www.theboxplymouth.com/schools/school-visits> for the Hazard Identification Sheet.

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Supported using public funding by
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