

# Schools Workshop

## Introduction to Materials and the Marine Environment

KS 1 / 2 1 hour



### AIMS:

- To identify and recognise different materials
- To explore and differentiate between natural and manmade materials (what belongs in the beach environment and what doesn't)
- To discuss why leaving 'rubbish' is a problem and what we can do about it
- To interpret evidence and make reasoned deductions
- To take part in a practical activity which will encourage children to consider what is in the ground under the Pier and what a fossil is

### BRIEF OUTLINE OF ACTIVITIES:

Activity 1	Material recognition cards. Groups work together to identify different materials and create a sheet to take back to school.
Activity 2	Sorting materials from the beach and discussing environmental issues. Identify mystery objects - What is it made from? What do you think it does? Where would you find it?
Activity 3	Make a sand fossil

### TIMETABLE

10.00 - 10.05	Welcome, introduction, toilets and snack
10.05 - 10.20	Material recognition cards
10.20 - 10.40	Sorting materials from the beach and mystery objects
10.40 – 11.00	Make a sand fossil

If you would like to bring two classes there will be an independent trail to accompany this session which could be done by one class – the groups could then swap over.

**If you would like the education room for lunch please arrange this before your visit with the learning team so we can check the availability of the space.**

### CONTACT DETAILS

For more information please contact Susan Kent, the Learning and Education manager or Francesca Piacentini, the Education and Learning assistant. Email: [learning@hpcharity.co.uk](mailto:learning@hpcharity.co.uk) Tel: 01424 445566.

### TO BOOK

Please complete a Booking Enquiry form on the schools area of our website: [www.hastingspier.org.uk](http://www.hastingspier.org.uk).

## **CURRICULUM LINKS**

### **ENGLISH**

- Listen, understand and respond to others
- Make relevant contributions to discussion and group work

### **MATHS**

- Using mathematical language more / less than, comparisons

### **SCIENCE**

- Materials – Identification, describe simple physical characteristics
- Look closely at the natural and humanly constructed world
- Make hypothesis and carry out experiments with different materials – comparisons / similarities
- Identify what belongs in the habitat around the Pier, discuss how people can affect this habitat.
- Introduce the idea of the food chain

### **HISTORY**

- Understanding of historical concepts – change/continuity, similarity/difference
- Significant local places