



North York Moors National Park

Seashore habitat study (Key stage 2)

An opportunity for children to gain first hand experience of a coastal environment. After a simple introduction to the geology of the coastline and sea defences, we focus on tides and the seashore as a habitat. Children have time to explore the rock pools and we identify and discuss the adaptations of plants and animals found.



Age Range: Years 3 to 6 (Age 7 to 11)

Duration: up to 1½ hours

Location: Robin Hood's Bay or Runswick Bay

Cost: Please note that the minimum charge at these locations is the full day rate per child. At Robin Hood's Bay other activities are available so you could consider combining this with another ¼ day session.

NB. Planning seashore activities depends on tide times. Please list your preferred dates and ring to discuss.

There are no indoor classroom facilities at this location but public toilets are available.

Main curriculum links

Science

- living things and their habitats, earth and space

Geography

- physical geography of the coast

Key learning objectives

Children should learn...

Science

- how the moon and sun affect tides on Earth
- to use an identification key;

- how animals are adapted to a seashore habitat

Geography

- about the physical geography of the coast

Other skills involved

- looking carefully / observation skills
- asking questions
- moving around safely on the seashore

Learning outcomes

All children will be able to:

- explain that the tide comes in and out twice every day
- match plants and animals to pictures on a key
- identify ways in which an animal is adapted to its habitat

Most children will be able to:

- explain that the sun and moon affect the tides
- use an identification key
- identify ways in which a range of animals are adapted to living on the seashore
- explain how erosion affects the coast and describe different types of sea defences

Some children will be able to:

- explain how the moon and sun cause tides
- describe how different animals are adapted to living in different parts of the seashore due to differing environmental conditions

Assessment for learning

We assess learning using a variety of techniques appropriate to the activity such as: questioning, questioning games, observing how well children are performing tasks, checking results, quizzes and feedback forms.

Ideas for extending learning before and after this activity

To find out more about the coast go to: www.northyorkmoors.org.uk/wildlife-and-habitats/coastal/

For a follow up quiz, video and activities have a look on BBC bitesize: [What is a coastal habitat? - BBC Bitesize](#)

Further information

To find out more, make a booking or view other activities please visit our [Outdoor learning and school visits page](#).

You can contact the Outdoor Learning team on 01439 772751 or email outdoorlearning@northyorkmoors.org.uk