



Animals and Adaptations

This indoor session begins with a brief introduction to the key habitats in the North York Moors. Through a wildlife trump cards game, children then work in teams to discover some amazing facts about animals and plants of the British countryside.

We then focus on adaptations and how a selection of animals are adapted to their habitats with children again working in teams to match adaptations to animals.

The session concludes by exploring how humans use these habitats for recreation, the impacts this can have and possible solutions.



Main Curriculum Links:

Science - living things and their habitats

Age Range: Years 4, 5 and 6 (Age 8 to 11)

Duration: up to 1½ hours

Location: The Moors National Park Centre, outreach visits to local schools

Key Learning Objectives Children should learn...	Learning Outcomes
<p><i>Science</i></p> <ul style="list-style-type: none"> ● how animals are adapted to their habitats ● how humans can have positive and negative impacts on the environment <p><i>Other skills involved</i></p> <p>Team working Looking carefully / observation skills Listening and responding Asking questions Formulating and explaining their own opinions</p>	<p>All children will be able to:</p> <ul style="list-style-type: none"> ● define 'habitat' and name a habitat in the National Park ● match a selection of animals to their habitats ● identify a way in which an animal is adapted to its habitat <p>Most children will be able to:</p> <ul style="list-style-type: none"> ● identify the key habitats of the National Park ● give a number of examples of ways in which animals are adapted to their habitat ● suggest ways in which people can help to improve the environment <p>Some children will be able to:</p> <ul style="list-style-type: none"> ● suggest where an animal might live or what it eats by observing its physical characteristics ● suggest reasons why the National Park needs protection ● explain what 'managing the national park sustainably' means

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

Familiarise children with the term 'habitat' and identify examples of / have a look at habitats around your school.

See '*What to Wear*' in our resources section - a set of resources themed around how animals are adapted to hot and cold environments and linked to what people should wear for outdoor activities.

Children could choose animals from other countries or extreme environments and identify ways in which they are adapted to their habitat.

For more information about wildlife of the North York Moors go to: <http://www.northyorkmoors.org.uk/discover>