

Adaptation

Observation and questioning about local animals and how they are adapted to their environment

Years: KS2 Years 5 and 6		Total Duration: 2 hours	
Curriculum Links Evolution and inheritance <ul style="list-style-type: none"> • Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. • Identify and name a variety of plants and animals in their habitats, including micro-habitats 			
Learning Objectives		Learning Outcomes	
Children should learn... <ul style="list-style-type: none"> • that animals have evolved to become adapted to their environment • that adaptation can be external, internal or by behaviour • identification of common woodland and pond invertebrates 		All children will be able to name an animal adaptation Most children will be name and compare two types of common invertebrates and two adaptations of each one to its environment Some children will be name three different adaptations for a given animal.	

Programme Summary

This session is designed to give pupils a chance to: observe and raise questions about local animals and how they are adapted to their environment. The class will learn about examples of invertebrates found locally. The pupils will then see examples in the wood and pond habitats through pond dipping and a minibeast hunt.

Pre-visit Preparation

If you have not visited the centre before a pre-visit is essential.

It helps to brief the children before a visit. Talk through the activities that they will be doing and discuss key vocabulary. What is adaptation? Work though classic examples like a giraffe 's neck or prickles on a hedgehog?

Pre-visit ideas	Post-visit ideas
Collect together examples of different adaptations from animals around the world. Bird watching on the school grounds	Research into evolution study of the work of Charles Darwin Display pictures of toads, bats and owls (nocturnal animals) and think of adaptations for them.

Please refer to our Health & Safety Information for risk assessments and an outline of the school and Ecology Centre responsibilities.