

Session Outline

KS2: Endangered Animals & Their Habitats

This outline is a general guide for what to expect during your session with us. Activities and session structure may vary depending on weather conditions and other circumstances.

| National Curriculum links: KS2 programmes of study – Science: working scientifically, animals, living things and their habitats | | |
|---|--|---|
| Learning Objectives | Session outline | Evaluation of Learners progress |
| <ul style="list-style-type: none"> Identify and name a variety of common plants and animals in their habitats, including micro-habitats Describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain Identify carnivores, herbivores and omnivores and name different sources of food Explore the means by which animals can become rare in their environments, specifically due to human influence Recognise that environments can change and that this can sometimes pose dangers to living things | <p>Introduction The class will have a brief welcome and introduction to the day. We will discuss what living things need to survive and how habitats provide for these basic needs.</p> <p>Activities The group will “become” a food chain and learn how living things depend on each other. Groups will focus on how living things are adapted to suit their environment in different ways and understand that all living things are linked together and nothing exists in isolation.</p> <p>We will also take part in a Discovery Walk around the session location, identifying habitat types, the animals that might live there and the threats that face them in the wild.</p> <p>Finally, students will have the chance to design their own microhabitat with natural materials for one of the endangered species that has found a home in Milton Keynes.</p> | <p>To include: Discussion with children before, during and after the visit. Photographs which you may take for post visit discussions, displays and activities.</p> |
| Pre Visit activities | Post Visit activities | |

Visit the website:

<http://www.bbc.co.uk/nature/habitats> which gives a large list of different habitats and information on what is found there.

Choose one of the habitats that you would find in Milton Keynes. Research one of the parks where you would find this habitat – is it an ancient site or man-made? Name one plant and one animal you would find there.

Research some of the UK's most endangered animals and discuss whether you think Milton Keynes has the appropriate habitats to house these species.

Research the life cycle of their chosen plant or animal from the session. They could create a display/animation/story based around its life processes.

Compare one of the habitats seen today with another one in a different part of the world – how do they differ?

Work out another food chain using the animals and plants the group have chosen above. Might you find some of these organisms in more than one habitat?

Look at your own school ground or garden and discuss whether you think you have the right habitat for any of the session's species. Look at ways you can improve your own habitat to accommodate more wildlife (i.e. wild flowers, log piles, ponds, bat or bee boxes).