

Go wild at Mill Waters

at Mill Waters heritage site



In this lesson pupils will discover the complex food network at Mill Waters and how the site provides a haven for a number of threatened wildlife species.

They will find out about the work of the Wildlife Ranger at Mill Waters and ways in which people can get involved to support the conservation effort.

They will gain knowledge of the different diets of a broad range of species and the importance of the smallest creatures and plant life to provide food for the predators higher up the food chain.

WHAT YOU WILL NEED

HM_L3TN	Teacher's Notes
HM_L3TS	Teacher's Slides
HM_L3HO1	Look and find
HM_L3HO2	Food chain cards
HM_L3HO3i	Pond life at Mill Waters
HM_L3HO3ii	Wildlife in and around King's Mill Reservoir and the Reedbeds
HM_L3HO3iii	Wildlife in the woodland and hedgerows at Mill Waters
HM_L3HO3iv	Birds at Mill Waters

LEARNING ACTIVITIES

Learning will be embedded through a practical look and find activity, as well as a fun activity to create a visual food chain in the classroom - suitable for Key Stage 1 pupils.

Using detailed information about various species at Mill Waters pupils can undertake a writing task to describe various species within a dedicated habitat at the site, or describe the extensive bird population at Mill Waters.

An exciting project to create a TV feature focussing on a selected species at Mill Waters will stretch pupils' ability to synthesise what they have learnt and present information in an engaging way, potentially using video in their presentation.

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LINKS TO THE CURRICULUM

Key Stage 1

SCIENCE

Pupils should be taught to:

- Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals.
- Identify and name a variety of common animals that are carnivores, herbivores and omnivores.

Living things and their habitats

- Identify that most living things live in habitats to which they are suited and 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, and identify and name different sources of food.

Animals

- Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)
- Construct and interpret a variety of food chains, identifying producers, predators and prey.

ENGLISH

Reading – comprehension

- Discussing and clarifying the meanings of words, linking new meanings to known vocabulary.

Key Stage 2

SPOKEN LANGUAGE

- Giving short speeches and presentations, expressing their own ideas and keeping to the point maintaining a focus on the topic and using notes where necessary

SCIENCE

Animals

- Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food. They get nutrition from what they eat
- Construct and interpret a variety of food chains, identifying producers, predators and prey
- Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution

Ecosystems

- Organisms are interdependent and adapted to their environment