



### Classification

#### Fur, Feathers, Skin and Scales

What are the characteristics of reptiles, birds, mammals, fish and amphibians? Learn about classification in this fun, interactive session. Examine some of the incredible items in our collection, work out what they are, and to which animals they belong.

**Curriculum links:** *Identifying and classifying; Animals, including humans*

### Habitats and Adaptations

Why do tigers have stripes? Why are cacti spiky? Discover the variety of ways that animals and plants have adapted to live in desert, savannah and rainforest habitats by exploring our collection of fascinating specimens.

#### Curriculum links:

*Living things and their habitats*

### Living and Growing

What do animals need to live, grow and stay healthy? Learn about the birth, growth and food of some of our amazing creatures. Why do different species need different food and care?

**Curriculum links:** *Animals, including humans; Living things and their habitats*

### Remarkable Rainforests

Take a closer look at tropical forests around the world and the incredible animals and plants that are found there. Find out why rainforests are so important, why they are threatened and how we can help protect them. Use your sense of smell to investigate rainforest products!

**Curriculum links:** *Animals, including humans; Living things and their habitats; Geography: Place knowledge*

### African Safari

Take a trip around the amazing continent of Africa to discover some of the habitats and unique creatures that live there – and can be found at the zoo.

**Curriculum links:** *Living things and their habitats; Geography: Place knowledge*

### Nature and Us: Our Wonderful World

Experience the wonder of nature and explore how essential it is for our lives. This session encourages children to think about nature; by exploring what it is, what makes it so special and what it means to them. Children will understand how nature is useful and provides many of the things we need to live – and how something as small as a bee or a worm plays an important part.

We also offer a conservation

**Walk & Talk tour** please contact us for more information.

### Special Needs

These sessions can be adapted for those with Special Education Needs and Disabilities. Please let us know what level your class is working at, what their needs are and any other information you feel may be useful.

All sessions can be adapted appropriately for curriculum/age and each session lasts around 45 minutes



### Evolution

Explore how animals and plants are adapted to suit their environment in different ways. Learn how living things have changed over time and that characteristics are passed on from parent to offspring.

**Curriculum links:** Evolution and inheritance

### Endangered Animals, Zoos and Conservation

Why are some animals threatened in the wild? What is the zoo doing to protect these animals and their habitats? What can we do to help? Learn what conservation is all about, why it's important and some of the complex issues involved.

**Curriculum links:** Living things and their habitats

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**Curriculum links:** Animals, including humans

### Skeletons and Movement

Investigate how animals' skeletons enable them to move in different ways, including flight, climbing, running and swimming. Explore our large collection of skeletons and specimens, to compare their similarities and differences.

**Curriculum links:** Animals, including humans

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**Curriculum links:** Geography: Human and physical geography; also links with popular classroom topics

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### Fascinating Food Chains and Terrific Teeth

What's on the menu for some of our animals at the zoo? Learn about food chains and compare the different teeth of herbivores, carnivores and omnivores by exploring our range of skulls.

**Curriculum links:** *Animals, including humans*

### Classification: Fur, Feathers, Skin and Scales

Investigate how living things can be classified into groups according to their characteristic features, and how keys can be used to help with this sorting.

**Curriculum links:** *Living things and their habitats*

### Life Cycles

We will look at how a range of zoo animals breed, grow, and age, and how the keepers use such knowledge to help in their care and conservation. Examples include mammals, amphibians and birds.

**Curriculum links:** *Animals, including humans; Living things and their habitats*

### Why is it snowing in April?

Our climate is changing, and this poses many challenges, for wildlife, for wild places, and for us as a society. Find out what climate change is and what it means for us and for the species here at the zoo. Discover what we can all do to make a difference, and see that the choices we make can have a real impact.

### Take the Palm Oil Challenge

Many tropical species are threatened by palm oil production, but solving the problem is far more complicated than just banning palm oil. This session explains the problem and shows children that the choices they make can have an impact on wildlife, and wild places, on the other side of the world. We want to empower children to make changes that make a difference – will you take up the challenge?

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