



## **Education sessions linked to the National Curriculum**

### **Sessions:**

#### **Minibeasts**

#### **Fur, Feathers, and Scales**

#### **Animal Senses, Tropical Habitats and Adaptations**

The Tropical Butterfly House Education Sessions mainly cover science topics however there is also cross-curricular learning in subjects such as English Language, Geography, and Mathematics.

### **Early Years Foundation Stage Framework Links: (ages 0-5 years old)**

Communication and language

Physical development

Personal, social and emotional development

Mathematics

Understanding the world.

### **Key Stage 1 Science Links: (ages 5-7 years old)**

#### **Years 1 and 2 programme of study**

##### **Working scientifically**

Pupils will be taught:

- asking simple questions and recognising that they can be answered in different ways
- identifying and classifying
- using their observations and ideas to suggest answers to questions.

#### **Year 1 programme of study**

##### **Animals, including humans**

Pupils will be taught:

- identify and name a variety of common animals that are carnivores, herbivores or omnivores
- identify and name a variety of common animals that may include fish, amphibians, reptiles, birds and mammals.

#### **Year 2 programme of study**

##### **Living things and their habitats**

Pupils will be taught:

- compare living things, and with help decide how to sort and group them
- identify that animals live in different habitats to which they are suited and describe how that habitat meets the needs of different things
- 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, including humans**

Pupils will be taught:

- notice that animals have offspring that grow into adults
- find out about and describe the basic needs of animals, for survival (water, food, air)

### **Lower Key Stage 2 Science Links: (ages 7–9 years old)**

#### **Year 3 programme of study**

##### **Animals, including humans**

Pupils will be taught:

- identify that animals need the right types and amounts of nutrition, and that they cannot make their own food; they get nutrition from what they eat
- identify that some animals have skeletons and muscles for support, protection and movement.

#### **Year 4 programme of study**

##### **Living things and their habitats**

Pupils will be taught:

- recognise that living things can be grouped in a variety of ways
- explore and use classification keys to group, identify and name a variety of living things in their local and wider environment
- recognise that environments can change and that this can pose a danger to living things.

##### **Animals, including humans**

Pupils will be taught:

- construct and interpret a variety of food chains, identifying producers, predators and prey.

#### **Upper Key Stage 2 Science Links: (ages 9-11 years old)**

##### **Year 5 programme of study**

##### **Living things and their habitats**

Pupils will be taught:

- describe differences in the lifecycle of a mammal, an amphibian, an insect or a bird
- describe the life process of reproduction in some animals.

##### **Year 6 programme of study**

##### **Living things and their habitats**

Pupils will be taught:

- describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms and animals
- give reasons for classifying animals based on specific characteristics.

##### **Evolution and inheritance**

Pupils will be taught:

- recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- identify how animals are adapted to suit their environment in different ways and that adaptation may lead to evolution.

#### **Key Stage 3+:**

Sessions can be tailored to suit, please speak to the Tropical Butterfly House Education Team.

#### **Contact the Tropical Butterfly House Education Team:**

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**Social Media Links:** [www.facebook.com/TropicalButterflyHouse](http://www.facebook.com/TropicalButterflyHouse)

[www.twitter.com/TropButterfly](http://www.twitter.com/TropButterfly)

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