

## Local Species Classification Challenge!

### Learn to Classify Living Things!

#### Student Introduction

- ▶ There are many different ways to begin to classify living organisms (plants and animals).
- ▶ Today, during your visit we will start to learn some of the ways and have a go at classifying some of the things we see.



#### Activity One

In this basic sorting exercise we will use a Carroll diagram to sort what we find into 4 groups.

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Vertebrate

Invertebrate


We can look at other characteristics to help us decide which group to place the organisms.

#### Activity Two

Can you list the characteristics of some of the local vertebrates to put them in the correct class?

#### Characteristics of vertebrates

Mammal	Reptile	Bird	Fish

Some animals are not easy to place, where would you place a bat?

### Activity Three

Using the information you have gathered, place the organisms you find in the correct class. (There are 4 extra classes you will need to think about).

Mammal	Reptile	Bird	Fish

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Amphibian	Mollusc	Insect	Arachnid



## Activity Four

Another way of classifying organisms is with a key. For example we can ask a question, then depending on the answer, we can begin to sort them.

Does it have warm blood?

Yes

No

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Yes

No

Yes

No

Sometimes



BIRD



MAMMAL



REPTILE



FISH



AMPHIBIAN

### Extension task:

Choose some of the organisms you've seen and complete the key above for them to work out their group.

