I know humans like to sort things into groups. Here is an example of sorting - follow the arrows and then decide which group us bats would be in. You can put a tick in the box beside the answer (or draw a little bat). You can also answer the question from a human point of view, but if you are answering the questions for bats and humans use a different symbol for each (e.g. a bat shape for bats and a smiley face for humans).

1. What are you?
   - I'm a plant
   - I'm an animal

2. Have you got a backbone (spine)?
   - Yes - I have a backbone (that makes you a vertebrate)!
   - No - I can’t feel any knobbly bones down my back. (if that is the case check again...)

3. When you were a baby did you drink milk?
   - Yes - my first food was milk. (that makes you a mammal
   - No - my parents fed me grubs and worms! (In that case you were probably a baby bird!)

4. Can you fly using the skin between your fingers as wings?
   - Yes - hurrah, you are a bat! You belong to a special group of animals called “chiroptera”
   - No - I can’t fly. You aren’t a bat (could you be human?!) We can’t all be perfect ;o)
I know humans like to sort things into groups. Here is an example of sorting - follow the arrows and then decide which group us bats would be in. You can put a tick in the box beside the answer (or draw a little bat). You can also answer the question from a human point of view, but if you are answering the questions for bats and humans use a different symbol for each (e.g. a bat shape for bats and a smiley face for humans).

1. **What are you?**
   - I'm a plant
   - I'm an animal

2. **Have you got a backbone (spine)?**
   - Yes - I have a backbone (that makes you a **vertebrate**!)
   - No - I can’t feel any knobbly bones down my back. (if that is the case check again...)

3. **When you were a baby did you drink milk?**
   - Yes - my first food was milk. (that makes you a **mammal**)
   - No - my parents fed me grubs and worms! (In that case you were probably a baby bird!)

4. **Can you fly using the skin between your fingers as wings?**
   - Yes - hurrah, you are a **bat**! You belong to a special group of animals called **Chiroptera**
   - No - I can’t fly. You aren’t a bat (could you be human?!) We can’t all be perfect ;o)
Did you know that an invertebrate is an animal that does not have a backbone and all animals? In the pictures below most of the animals have backbones (vertebrates). Can you spot the ones that do NOT have a backbone? Draw a line to link the animal to the word invertebrate. All the others belong to a big group (vertebrates), that are then sorted into smaller groups which are; mammals, reptiles, birds, fish and amphibians. Draw a line to connecting the animal to their group (also know as a class):
Bat bodies

We aren’t so different, you and I. We too have eyes, ears and a tongue! Of course we have one big difference though: wings! Did you know, like humans, we have four fingers and a thumb, but our fingers are very long and joined together by a **wing membrane**. That’s right: bats fly with their hands! Like most mammals, we have a tail and fur, and a lot of different types of bats have a strange shaped nose - called a **nose leaf**.

Zeke here is a gorgeous trident leaf-nosed bat. Can you cut out the labels below and match the labels to the body parts (or write them in)?

- **ear**
- **wrist**
- **nose-leaf**
- **eye**
- **forearm**
- **fur**
- **thumb**
- **tongue**
- **tail membrane**
- **tail**
- **knee**
- **foot**
- **wing membrane**
- **finger**