

# Year 6 Science Workout: Animals

We can sort animals into two main groups — vertebrates (animals with a backbone) and invertebrates (animals without a backbone). We can then sort them into even smaller groups.

1. Group these animals into **vertebrates** and **invertebrates** by writing their names in the boxes below.



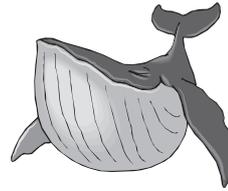
French teacher



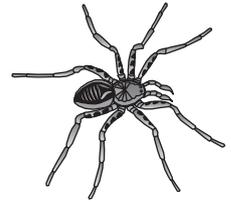
Ladybird



Snake



Whale



Spider

Vertebrates:

Invertebrates:

2. Draw lines to match each group of **vertebrates** to its description. I've done one of them for you.

Mammals

They have feathers and a beak.

Amphibians

They give birth to live babies.

Birds

They have fins, scales and gills.

Reptiles

They have damp skin and are born with gills, but grow lungs as they get older.

Fish

They have dry, scaly skin and lay their eggs on land.

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3. **Circle** the correct words in **bold** to complete these sentences about **vertebrate groups**.

All animals with a **head / backbone** are called vertebrates. Birds and mammals both use **gills / lungs** for breathing. They are **warm / cold** blooded.

Amphibians are **warm / cold** blooded and most of them lay their eggs **on land / in water**.

Reptiles and fish both have **scales / gills** and are **warm / cold** blooded.

4. Match each label to the invertebrate group it's describing. Write your answers in the gaps below.

HINT: a snail's foot is a long, muscular organ that spreads out under its body.

slimy foot

two body parts

hard shell

three body parts

six legs

eight legs

**Spider:** ..... and .....

**Insect:** ..... and .....

**Snail:** ..... and .....

5. Benji is writing about **vertebrates** for a school project. He says that the animal on the right is a mammal. Use the animal's **features** to explain why Benji is wrong.



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**INVESTIGATE** .....

- Look in a book or on the Internet to find an example of an insect and an example of a bird.
- Make a list of how they are different. Do they have any features that are the same?

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Taken from CGP's Year Six Science Workout: Electrical Circuits & Living Things (S6D22).  
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## *Year 6 Science Workout: Answers*

1. Vertebrates: french teacher, snake, whale  
Invertebrates: ladybird, spider
2. Mammals — they give birth to live babies.  
Amphibians — they have damp skin and are born with gills, but grow lungs as they get older.  
Birds — they have feathers and a beak.  
Fish — they have fins, scales and gills.
3. backbone, lungs, warm, cold, in water, scales, cold
4. Spider: two body parts and eight legs  
Insect: three body parts and six legs  
Snail: slimy foot and hard shell
5. The animal has a beak and wings, so it is a bird.

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