

Thinking cap

A shark and a whale look so similar.
Are both of them fish? **No.**



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Whale

not a fish, but a mammal



Shark

is a fish

cannot breathe underwater
takes air in through their blowhole

can breathe underwater
uses gills to take oxygen from water

does not lay eggs
has live young and feeds them milk

lays eggs like other fish

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Let's Explore!



Sort the animals into different groups

1. Work in pairs.
2. Look at the pictures of the animals on the next page.
Discuss their similarities and differences with your partner.



frog



cat



butterfly



chicken



elephant



camel

3. Sort the animals into two groups.
Complete the table below to show the groups.

can fly	can't fly
butterfly chicken	frog cat elephant camel

We can sort living things into different groups to make it easier for us to study them. What would be another way to sort these animals into two groups?



the way they reproduce

4. Discuss the following questions with your partner:

(a) Which similarities or differences did you use to sort the animals?

- Some of the animals can fly, while others cannot fly.
- the number of legs the animals have
- the size of the animals

(b) Was it difficult to sort the animals into two groups? Why?

Yes, it is difficult because if we use the number of legs, the animals will fall into three groups instead of two.

Do you think size is a good way to sort the animals into two groups? Why?

Using size is not a good way to sort the animals.

The pictures do not show the actual sizes of the animals.

An animal may be big compared to one animal, but it may be small compared to another animal.

Word Boost

similar
sorted
features

similar - the same as
sorted - grouped
features - a body part or a behaviour

What are the features of birds?

All birds have wings, a beak and two legs.

They have feathers as the outer covering.

They reproduce by laying eggs with hard shells.

Is it correct to say that one of the features of all birds is that they can fly?

No, many birds can fly but flying is not a feature of the animals in the group "birds".

Although most birds can fly some birds such as penguins and ostriches are unable to fly.

What features do mammals have, that are not present in any other animal group?

They have fur/hair on their body and drink their mother's milk.

Extra resources for knowledge only:

Lungs:

They are a pair of organs in the chest which help us breathe.



Eggs with leathery shells are leathery or rubbery to the touch and feel like a little bag of jelly or liquid.

