

Y3,4 – Science – Week 6

LO: I know that some animals have a skeleton

In this lesson, we're learning about animals and their skeletons.

Vertebrates

Any animal with a spine is a vertebrate. Mammals, fish, birds, reptiles and amphibians are all vertebrates.

Humans are mammals so we are vertebrates. Here are some images of vertebrates' skeletons.

Task 1 Can you guess the vertebrate from its skeleton?



Aside from having a backbone or spine, can you spot any other similarities and some differences between humans and these invertebrates?

Invertebrates

Animals that do not have a spine are called invertebrates.

Exoskeletons

Some invertebrates have **exoskeletons**. This means their skeleton is on the outside of their body like a suit of armour! How cool is that?

Insects, spiders, crabs, lobsters, centipedes and millipedes are all examples of animals which have exoskeletons.

Watch the following short video about **exoskeletons**. <https://www.bbc.co.uk/bitesize/clips/zmj8q6f>

No skeleton

Some invertebrates do not have skeletons at all. Animals like slugs and jellyfish have no skeleton.

Task 2: Create a poster explaining what you've learnt about the skeletons of different animals

