



Science Knowledge Organiser

This is biology.
Biology is the study
of living things.

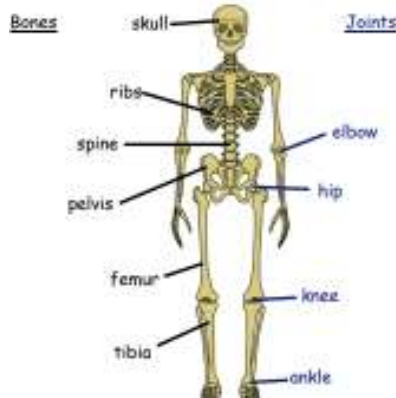
Animals including Humans



Easton LaChappelle

Key Vocabulary

- bones
- support
- protect
- skeleton
- muscles
- skulls
- spine
- joints
- ribs
- hygiene
- nutrition
- carbohydrates
- sugars
- protein
- vitamins
- minerals
- fibre



Prior Knowledge

Describe the importance of exercise and know the importance of hygiene and a healthy, balanced diet. Identify and name various animals.

Describe and compare the structure of animals.

Describe the basic needs of humans and animals to survive.

Key Knowledge

Humans and many animals have a skeleton, which is a system of bones.

Skeletons provide support and shape to bodies, they allow movement through the joints and protect organs.

Animal's skeletons are called vertebrates. It can be either inside or outside the body.



If the skeleton is inside the body, it is called 'endoskeletons'.



If the skeleton is on the outside of the body, it's an 'exoskeleton'.

The reason we have muscles is for movement. They help us to keep a posture and help us to walk, stand and sit.

The heart is a muscle and moves by itself.

Animals can't create their own food; they get nutrition from what they eat. Different animals get different nutrients depending on what they eat.