

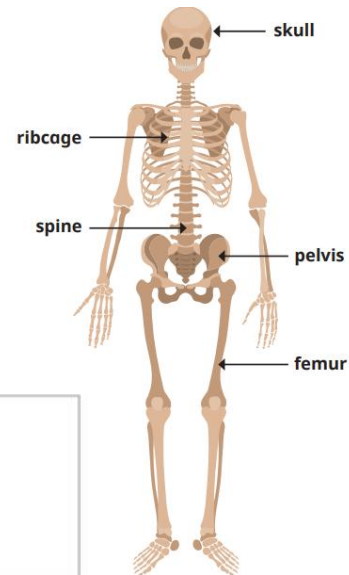


Science Knowledge Organiser

Skeletons, Movement, Nutrition and Diet

Key questions

- How many bones are there in the human skeleton?
- Where is the skull?
- Where is the femur?
- Where is the pelvis?
- Where is the ribcage?
- Where is the spine?



Skeletons do three important jobs:

- protect organs inside the body;
- allow movement;
- support the body and stop it from falling on the floor.

Key vocabulary

- **mammal** – an animal with a spine, fur or hair on its body, and that feeds its young on milk



- **bird** – an animal with a spine, feathers, wings and a beak



- **fish** – an animal with fins, gills and scales that lives in water



- **amphibian** – an animal with a spine that can live on land and in water

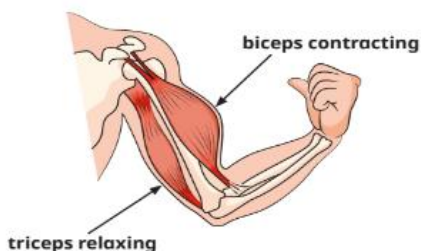


Key vocabulary

- **joint** – a point where two or more bones connect
- **muscle** – works with joints and bones to allow movement



- **bicep and tricep** – two muscles in the upper arm
- **contract** – a tightening and shortening motion
- **relax** – a relaxing and lengthening motion



Nutrient	Found in... (examples)	What it does/they do
carbohydrates		provide energy
protein		helps growth and repair
fibre		helps you to digest the food that you have eaten
fats		provide energy
vitamins		keep you healthy
minerals		keep you healthy
water		moves nutrients around your body and helps to get rid of waste