

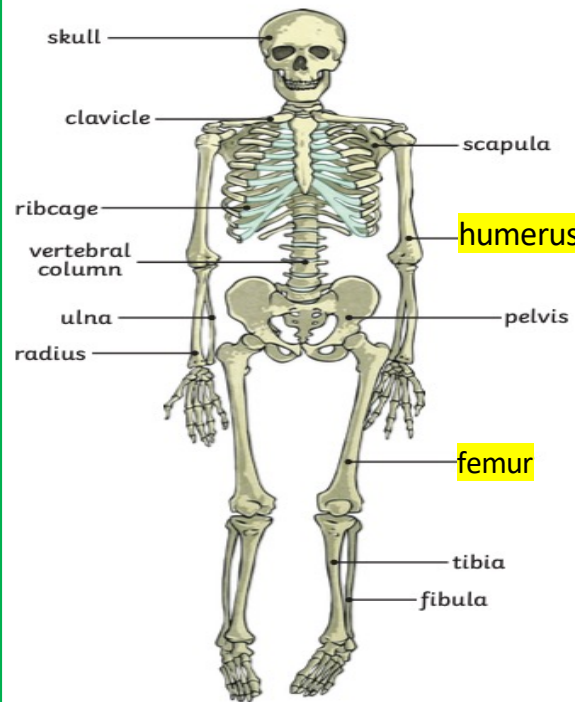
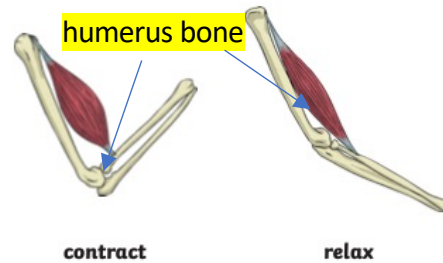
What I should already know

- 1 The names of the basic parts of the human body.
- 2 What the basic parts of the human body look like.
- 3 Where the basic parts of the human body are located.
- 4 Say which part of the body is associated with each sense.
- 5 That animals, including humans, have offspring which grow into adults.
- 6 That animals, including humans, need water, food and air to survive.

By the end of the unit, I will know:

- 1 That animals, including humans, need the right types and amount of nutrition.
- 2 That animals, including humans, cannot make their own food: they get nutrition from what they eat.
- 3 That humans and some other animals have skeletons and muscles.
- 4 Skeletons do three important jobs:
 - protect organs inside the body;
 - allow movement;
 - support the body and stop it from falling on the floor.

Skeletal **muscles** work in pairs to move the bones they are attached to by taking turns to contract (get shorter) and relax (get longer).



Key Vocabulary

balance diet	A diet that has the right amount of nutrients.
nutrients	Substances that living things need to stay alive and healthy.
carnivore	Animal that eats only meat
herbivore	Animal that eats only plants
omnivore	Animal that eats both plants and meat
skeleton	A framework of bone.
exoskeleton	Outside skeleton.
endoskeleton	Inside skeleton
muscles	Soft tissues in the body that contract and relax to cause movement.
joints	Areas where two or more bones are fitted together.

Working scientifically skills

Gather, record, classify and present data in a variety of ways to help in answering questions.

Record findings using simple scientific language, drawings, labelled diagrams, keys, bar graphs and tables.

Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions.

Significant People



Marie Curie (1867-1934)

Physicist who invented the first mobile x-ray machine to treat soldiers wounded on the battlefield in WWI.



Adelle Davis (1904-1974)

Biochemist & Nutritionist who linked health and diet.