How can we sort and group animals based on their Skeletons and how do joints move?

Skills:
To know that animals (including humans) have skeletons.
To know what joints are and how they move.

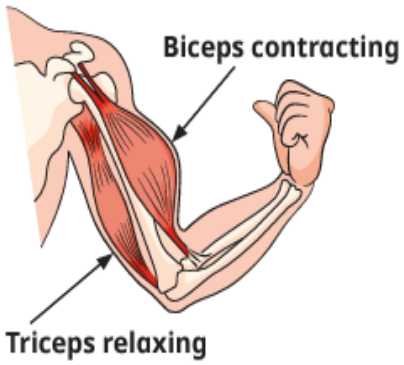
Key vocabulary

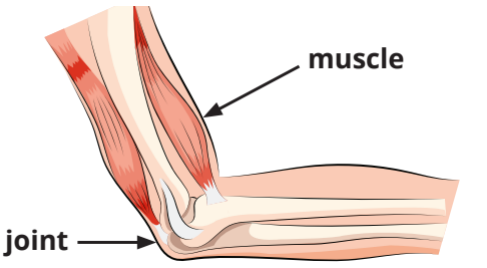
skeleton	bone
support	muscle
protection	hinge joint
Movement	ball and socket joint
Invertebrate	vertebrate
skull	ribcage
spine	pelvis
femur	exoskeleton
Contracting	relaxing

Working Scientifically:

I can ask relevant scientific questions.

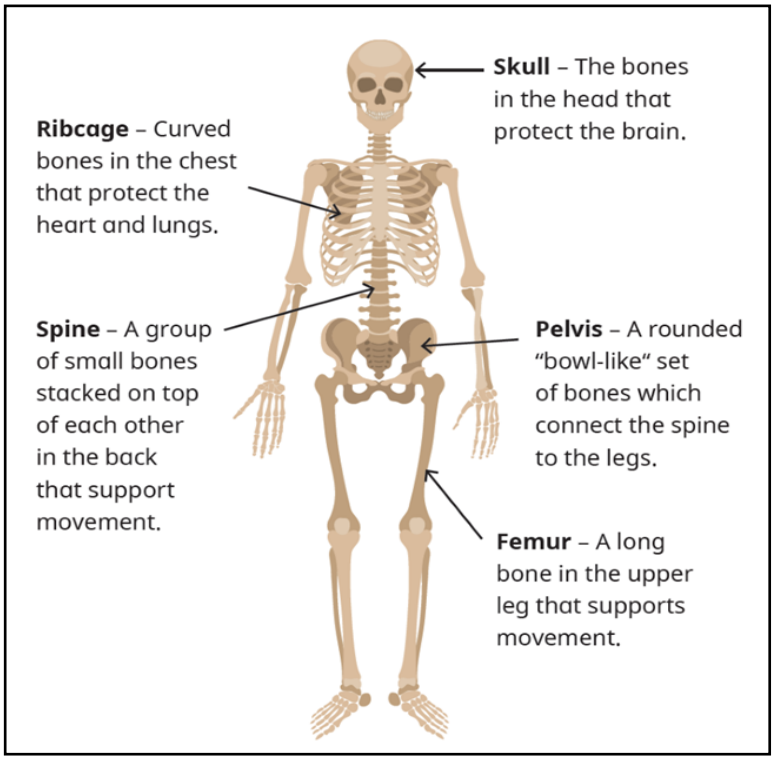
I can set up a simple fair test experiment to answer a scientific question.





Must—know knowledge

- To know that some animals have skeletons.
- To know that the skeleton supports us; protects us; and helps us to move. This is their function.
- To understand what a vertebrate and invertebrate is.
- To know that not all animals have a skeleton.
- To know what exoskeleton means.
- Muscles are attached to bones.
- Muscles can only pull on bones and cannot push
- Muscles work in pairs by contracting and relaxing.
- Bones, muscles and joints work together to allow movement.



Investigation:

Recording findings using simple scientific language, and