

Enquiry Skills

Enquiry Types



Explaining Science

Data, Tables & Graphs



Research



Classify



Finding patterns



Observing over time



Fair testing

Key Knowledge

- Know that animals (humans) need the right amounts of food (balanced diet).
- Know that, unlike plants, animals can't make their own food.
- Know animals (humans) have a skeleton and muscles for support, protection and movement. Bones are moved by muscle pairs working together.
- Vertebrates have an endoskeleton; other animals have an exoskeleton (e.g. insect) or a hydro-skeleton (e.g. worm) made of water.

Big Picture Model (Balanced Diet)



Make sure you can describe a **balanced diet** and can describe the **transfer of energy** from different foods.

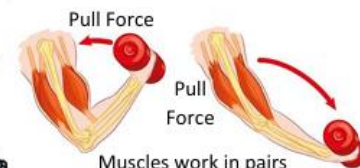
Big Picture Model (Skeleton & Muscles)

(Skeleton & Muscles)

What jobs do our bones do?



Force Arrow Model



Muscles work in pairs to cause movement

Make sure you can describe **jobs of bones** and can explain how **muscles** move bones using **forces**.

Key Words

table of results cause effect bar chart coordinate

nutrition

vitamin

diet

ulna

triceps

nutrients

mineral

obesity

radius

biceps

carbohydrate

energy

skeleton

muscle

contract

protein

balanced

bones

tendon

relax

fat

unbalanced

humerus

ligament

antagonistic

