

KS3 Biology - Musculoskeletal System

Science

Miss Hindle



How are mass and weight related?

Weight = _____ x _____

Weight = mass x gravity

Using the idea of weight, explain why the femur is bigger and thicker than the ulna...



The function of the skeleton:

- 1.
- 2.
- 3.
- 4.



Skeleton and protection of organs...

Without a skeleton our heart might get damaged. This would mean less b_____ is pumped around the body. Our cells would receive less o_____ and g_____ so we would feel tired because the cells would do less r_____.

Without a skeleton our lungs might get damaged. This would mean...



Sort the correct joint to the correct movement and example

Joint	Movement	Example
Hinge	Around an axis	Shoulder
Fixed	Circular	Ankle
Ball and socket	None	Knee
Pivot	Backwards and forwards	Skull



Quick Quiz:

1. Name a bone in the arm
2. Name a bone in the head
3. Name a bone in the leg
4. Name a fixed joint
5. Name a ball and socket joint
6. What type of movement does a hinge joint have?

