

Do you like to move it move it?

Science - Animals including humans



Do you like to Move it Move it?

Pre topic

Statement	True or False	Thoughts
Adults have less bones than children.		
Our skull protects our brain.		
All animals have a skeleton.		

LO: To understand the functions of the skeleton

I will understand the three main functions of the skeleton.

I will be able to identify which bones help with which function.

LO: To understand the functions of the skeleton

Timed Pair Share



What is your skeleton?

What does it look like?

Why do we have it? What are its functions?

LO: To understand the functions of the skeleton

We have 206 bones in our body!

**Babies are actually born with over 300 bones!
As the body grows, some of the bones fuse
together to become stronger and larger.**



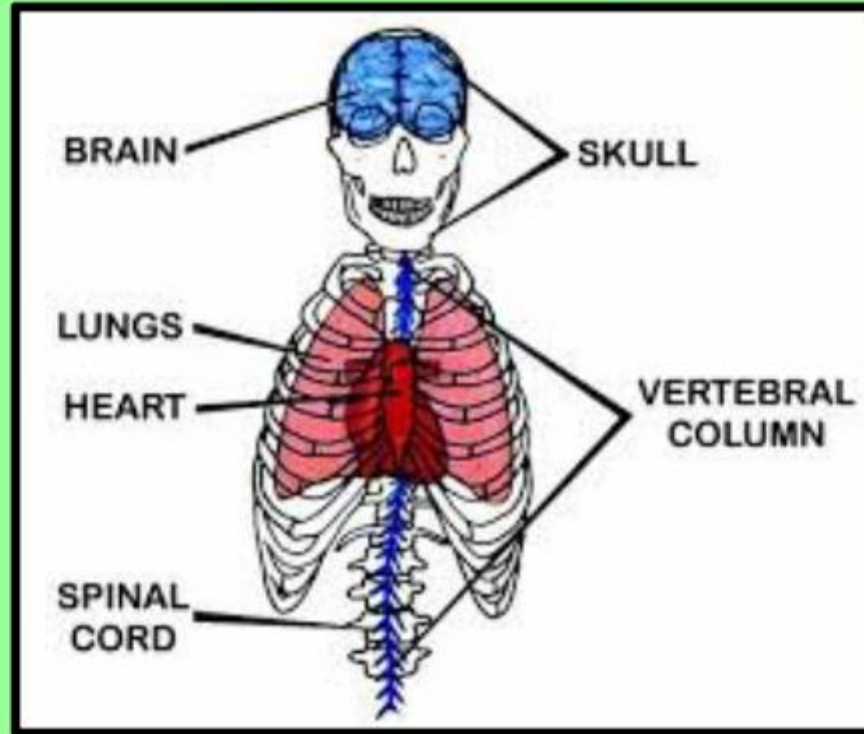
LO: To understand the functions of the skeleton



[click here for video](#)

LO: To understand the functions of the skeleton

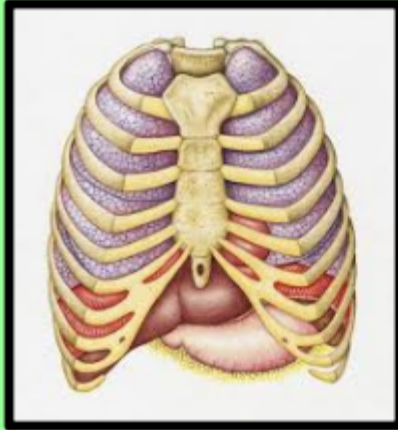
PROTECT



One of the important functions of our skeleton is to protect. Bones are hard and protect soft organs.

LO: To understand the functions of the skeleton

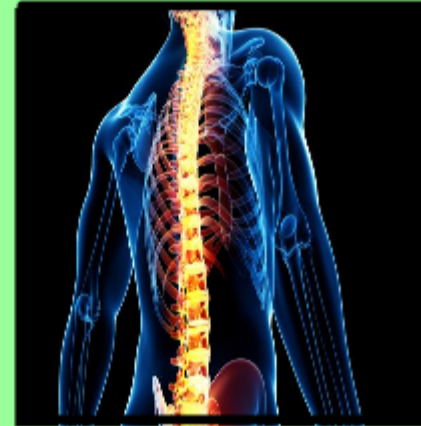
PROTECT



rib cage



skull

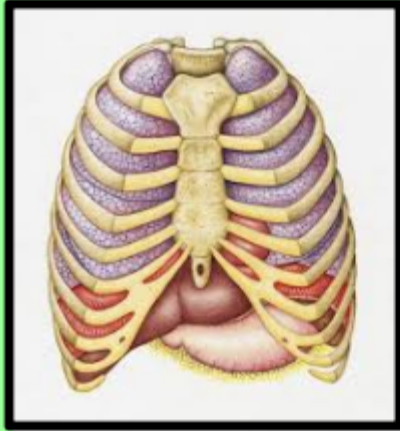


spine

What organs do these bones protect?

PROTECT

rib cage



heart
lungs
liver



skull



brain

spine



spinal chord

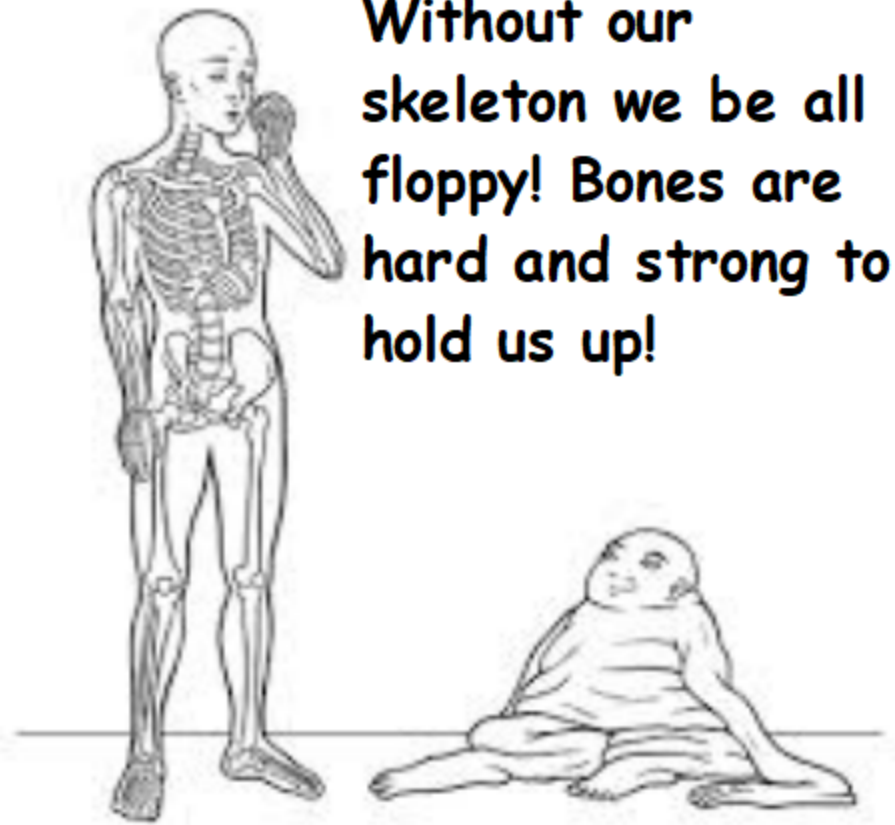
(that sends messages from your
brain to your body)

Your pelvis protects your reproductive and digestive organs.



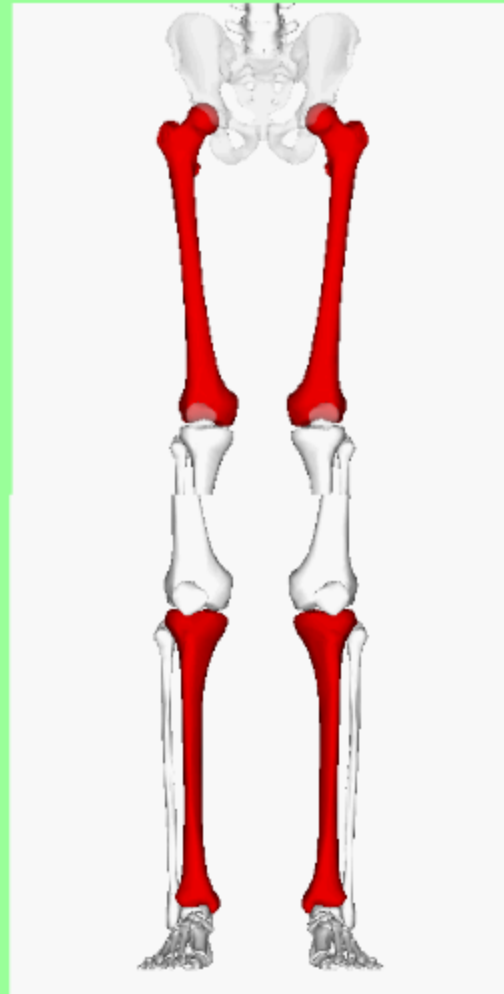
LO: To understand the functions of the skeleton

SUPPORT



LO: To understand the functions of the skeleton

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SUPPORT



LO: To understand the functions of the skeleton

MOVEMENT



Bones work with muscles to create movement.

Bones aren't very heavy so they don't slow us down.

LO: To understand the functions of the skeleton

MOVEMENT

Touch your toes. Could you do that if you had a solid spine? Feel your spine as you bend!



LO: To understand the functions of the skeleton

MOVEMENT

Where our body bends, we have joints.

Joints

Without joints connecting our bones we would not be able to move the way we do.
We would not be able to bend, jump, skip to name a few movements.
There are 3 different types of joints in the body.

ball and socket



Ball and socket joints allow the most freedom of movement. One example in the human skeleton is the between the pelvis (hip) and femur (upper leg bone).

hinge



Hinge joints allow flex and extend movements. One example in the human skeleton is between the humerus (upper arm bone) and radius/ulna (lower arm bones).

gliding



Gliding joints are also known as 'plane' joints. The bones are shaped to glide over one another and allow for small limited movements in different directions. One example in the human skeleton is the wrist bones.

LO: To understand the functions of the skeleton

The three main functions of the skeleton are to _____, _____, and _____ the body.

[another cool clip](#)



<https://SUCH A FUN SONG TO FINISH WITH>