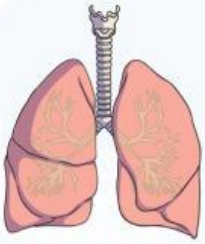
THE SKELETAL SYSTEM

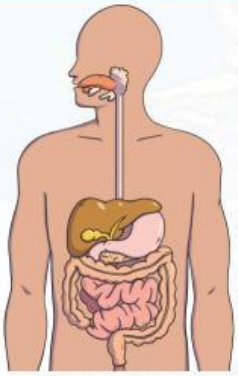




LIVEWORKSHEETS

The Skeletal System









Every human and animal is born with a skeleton. A skeleton is made up of bones, tissues, cartilage and joints.

The skeleton has five main functions or jobs: It gives the body support, movement, protection, produces blood cells, and gives mineral ions like calcium and phosophorus!

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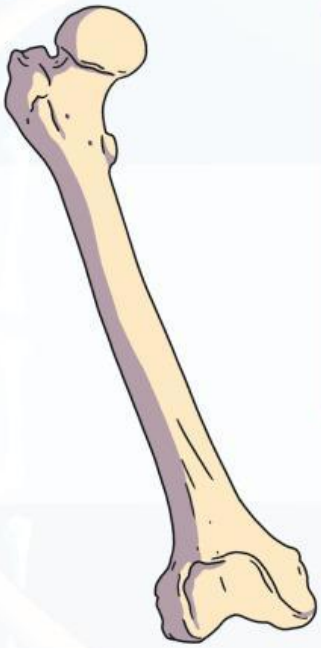
What Is a Skeleton?



A skeleton is the collection of bones that make up the body. The human body contains 206 bones, and they grow as you grow older. The skeleton is also made up of other parts including joints, cartilage, and ligaments.

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Bones



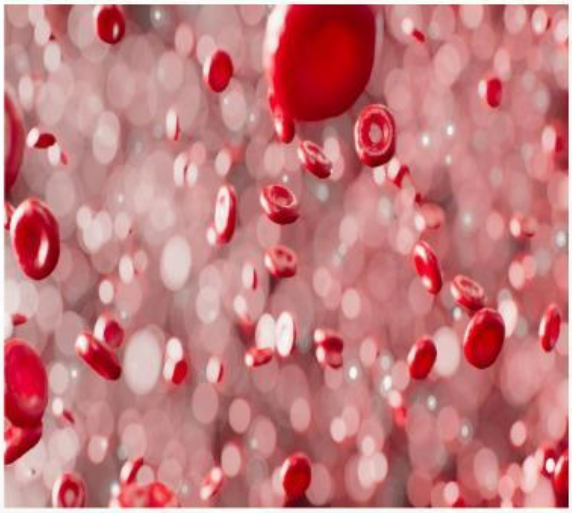
Believe it or not, bones ARE living! Bones consist of tissues, and tissues are made of individual cells.
A baby is born with about 300 bones, and as they grow, many of these bones join together. An adult person will have 206 bones in their body.

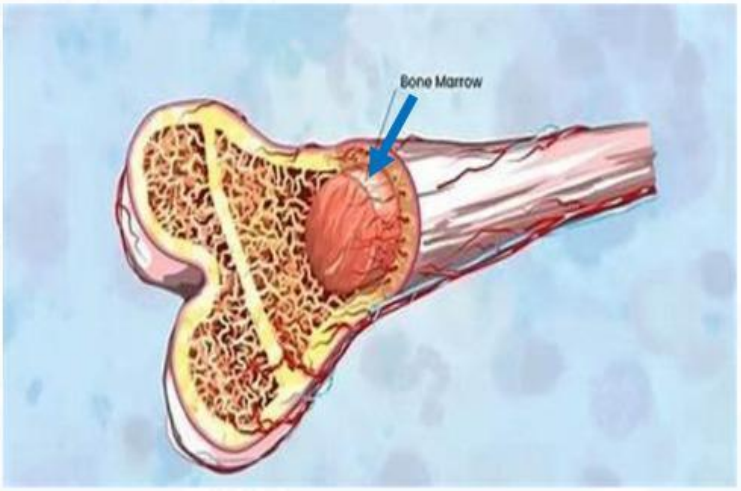
So bone are living because they are made up of cells which are living, and bones continue to grow.

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Bone Marrow

Inside many bones is a soft connective tissue called bone marrow. Bone marrow is responsible for producing red and white blood cells, which are essential for carrying out other functions in our body.





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Some important skeletal system structures

Skull



The skull protects one of the most important organs, the brain!

Ribs



The ribs or rib cage protect the heart and lungs.

Spine



The spine or vertebratal column offers support for the body and protects the spinal cord.

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Think







What did the spine, the ribs, and the vertebrtal column have all in common?

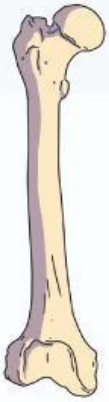
They all provide the body and organs with protection!

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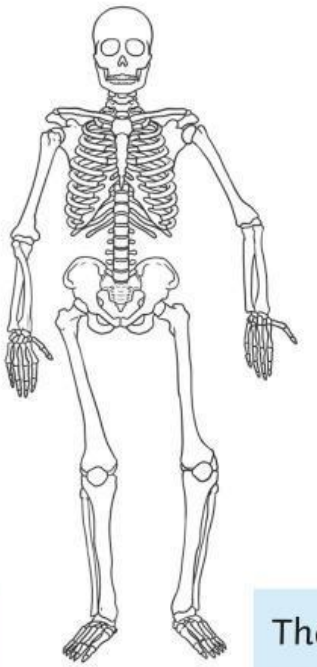
Let's look at some bones
in the body.

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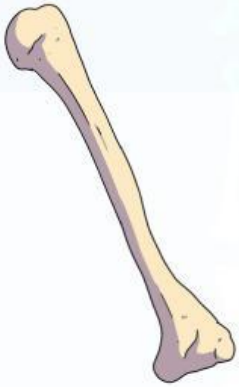
Femur



The femur is located in the thigh. **It's the largest and strongest bone in the body**, helping you stand, walk, run, and jump.



Humerus



The humerus is the bone in your upper arm that extends from your shoulder to your elbow. It is essential for movement.

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A fracture is a broken or cracked bone.



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Let's review some points with a short video.

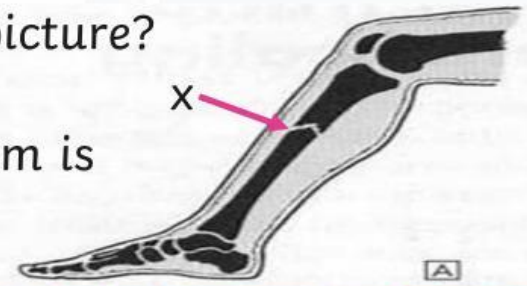
https://youtu.be/vRuh9aBwUdM?si=NxaP6ufmlWhrOxbN

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Bones Review

Write your answers in sentences.

1. What is the skeletal system?
2. How many bones are there in the adult body?
3. Name the five functions of the skeletal system?
4. Are bone tissues alive? Explain why?
5. What is the largest bone in the body called?
6. Where in the body will you find the smallest bone?
7. Which structure in the skeleton supports the brain?
8. Which part of the bone makes blood cells?
9. What do you call x in the picture?



10. Tell why the skeletal system is important to the body.

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That's all for now!



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