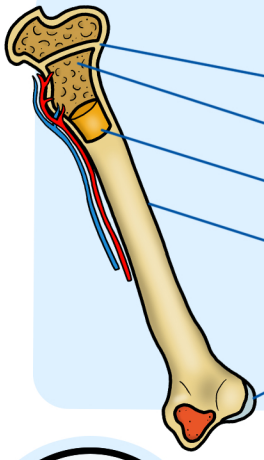
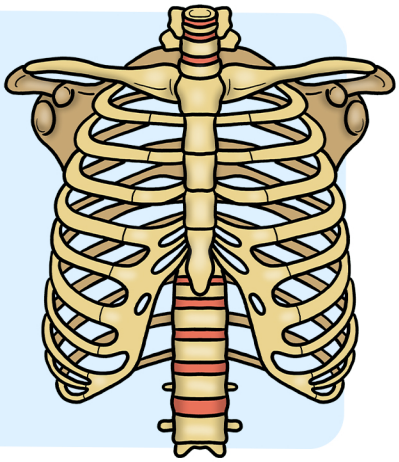
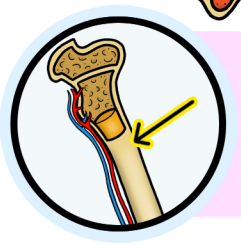
# A CLOSER LOOK AT
# BONE STRUCTURE



## BONE IS MADE UP OF

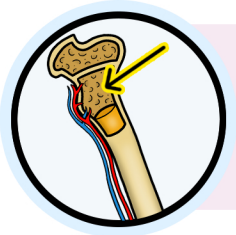
- Compact Bone
- Spongy Bone
- Bone Marrow
- Periosteum
- Cartilage





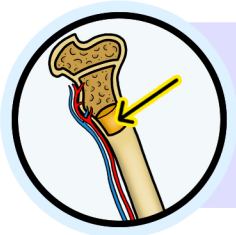
## COMPACT BONE

The hard, dense outer layer that makes bone strong. It is packed with living bone cells called osteocytes and tiny canals for blood vessels.



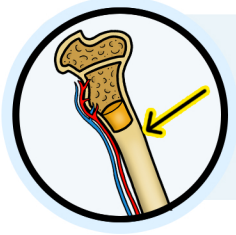
## SPONGY BONE

A lighter layer full of tiny spaces, like a sponge, found mostly at the ends of long bones. Its spaces hold red bone marrow.



## BONE MARROW

Soft tissue inside bones. Red bone marrow makes blood cells, and yellow bone marrow stores fat for energy in the medullary cavity.



## PERIOSTEUM

The thin, tough covering on the outside of a bone. It contains nerves and blood vessels that feed the bone and help it heal.



## CARTILAGE

A smooth, rubbery tissue that covers the ends of bones where they meet at a joint. It cushions the bone ends so they can glide past each other without rubbing.

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