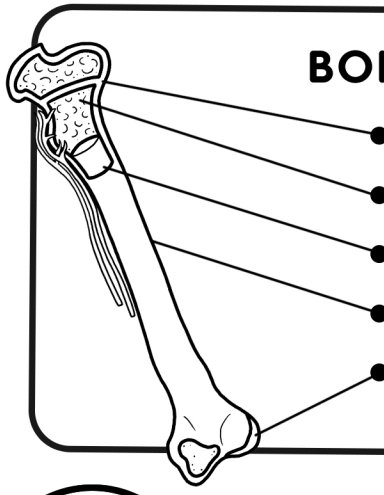
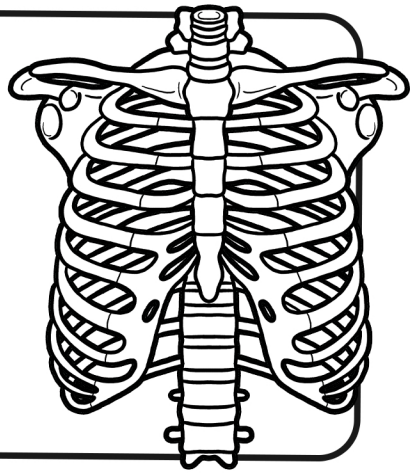
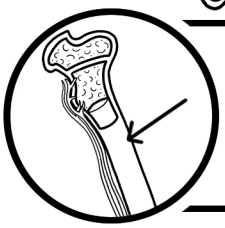
A CLOSER LOOK AT
BONE STRUCTURE



BONE IS MADE UP OF

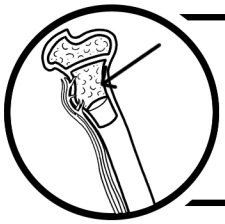
- Compact Bone
- Spongy Bone
- Bone Marrow
- Periosteum
- Cartilage





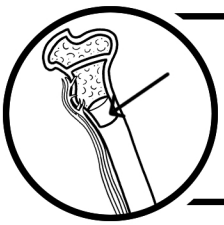
COMPACT BONE

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



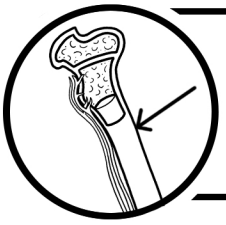
SPONGY BONE

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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