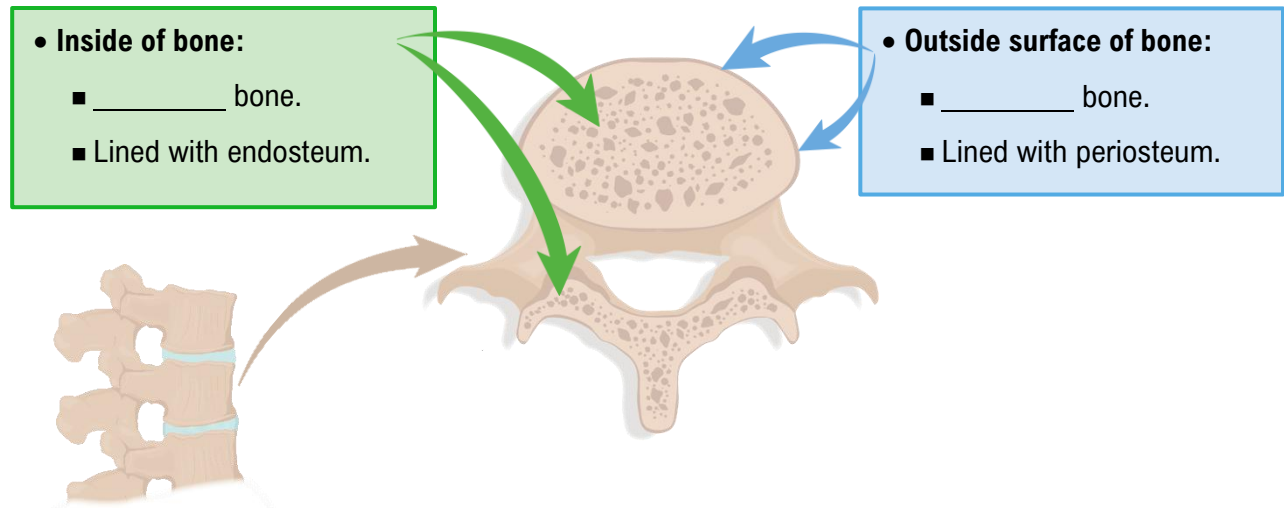


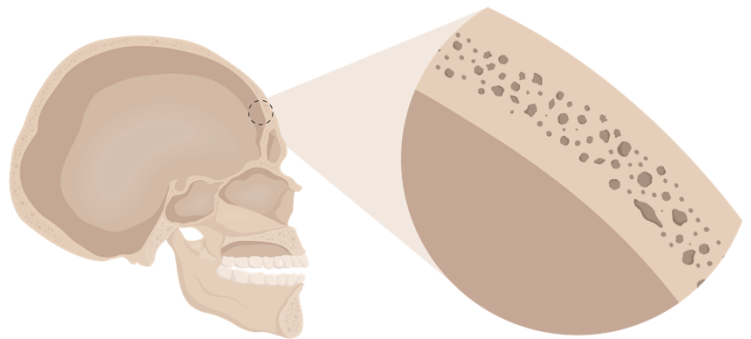
TOPIC: GROSS ANATOMY OF BONE: SHORT, FLAT, AND IRREGULAR BONES

- Short, Flat, & Irregular bones share structural characteristics:



- **Sesamoid bones:** no _____ osteum because they are entirely surrounded by tendon.

EXAMPLE: What type of bone (spongy or compact) would you likely find on the inside lining of the cranial cavity closest to the brain?



PRACTICE: You are shown an image of a cross section of a bone. You decide it is likely a flat bone based on the structure. Without seeing the overall shape of the bone, how could you tell?

- a) You see yellow marrow in the spaces within the bone.
- b) There is no spongy bone present, only compact bone.
- c) You see a long thin sandwich of compact and spongy bone.
- d) The layer of spongy bone is at least twice the thickness of the compact bone.