

# Review of Skeletal Macrostructure and Microstructure

**Sketch one...**

**What it's made of**

**What it's job / benefit / purpose**

<b>Epiphysis</b>			
<b>Diaphysis</b>			
<b>Epiphysial Plate</b>			
<b>Medullary Cavity</b>			
<b>Articular Cartilage</b>			
<b>Canalicule</b>			
<b>Osteonic Canal</b>			
<b>Osteocyte</b>			

## Review of Skeletal Macrostructure and Microstructure

**Answer the Following:**

**Why are the epiphyses of most bones wider than the diaphysis?**

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**What is the significance of the epiphyses being made of spongy bone and not compact bone?**

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**Why do bones need to be arranged around blood vessels in vertical columns when none of your other tissues need that much organized design?**

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**What different challenges do osteocytes face that most other cells in your body do not?**

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