



## Answer Key: Dr. Build-A-Bone's Laboratory

*Diagram of Bone*

Labels in the diagram:  
periosteum  
compact (hard) bone  
cancellous (spongy) bone  
bone marrow

*Notes*

Adult human beings have 206 bones in their bodies. We also have more than 600 muscles.

*Experiments*

Which substance is needed in the diet to keep bones strong?

a) Sugar  
b) Calcium  
c) Bonium

*Results*

Is cartilage important for movement?

Yes  
No

These are the names of the two bones I will try to create in the lab:

Any two individual bones, or group of bones, such as the skull