

# Bones

|   |  |  |
|---|--|--|
| <p><b>The Skeleton performs 5 major functions</b></p> <ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> </ol>  | <p><b>Types of Bone Cells</b></p> <ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>3.</li> </ol> | <p>An outer membrane called the _____ encloses all bones. This layer supplies the blood vessels and nerves to the bone. Which pass through the _____ that form a passageway to the _____ bone. _____ are the cells that conduct the process of _____, which is the replacement of cartilage with bone. Bone is a living material made from _____ compounds with the help of vitamin ____, which aids calcium absorption from the blood. In humans ossification is not completed until the age of 25 however not all _____ is replaced with bone. In particular cartilage at the ends of bones provide for smooth joint surfaces.</p> |
| <p><b>Skeletal Connections</b></p> <p>Bone to Bone:</p> <p>Bone to Muscle:</p>  |  |  |
| <p><b>Types of Body Joints</b></p> <ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> </ol>                     |  |  |
| <p><b>Bone Marrow</b></p>   |  |  |
| <p><b>Found in the hollow areas of</b></p> <ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> <li>6.</li> </ol> | <p><b>Two types of Marrow</b></p> <ol style="list-style-type: none"> <li>1.</li> <li>2.</li> </ol>             | <p><b>Bones without Marrow</b></p> <p>Bones without marrow, such as the wrist and ankle are made from spongy bone.</p>   |