# The Skeletal System

* **Parts of the skeletal system**
  + Bones (skeleton)
  + Joints
  + Cartilages
  + Ligaments (bone to bone)(tendon=bone to muscle)
* **Divided into two divisions**
  + **Axial skeleton-** skull, spinal column
  + **Appendicular skeleton** – limbs and girdle

**Functions of Bones**

* + Support of the body
  + Protection of soft organs
  + Movement due to attached skeletal muscles
  + Storage of minerals and fats
  + Blood cell formation

**Bones are classified by their shape:**

1. **Long-** bones are longer than they are wide (arms, legs)
2. **Short-** usually square in shape, cube like (wrist, ankle)
3. **Flat-** flat , curved (skull, Sternum)
4. **Irregular-** odd shapes (vertebrae, pelvis)



