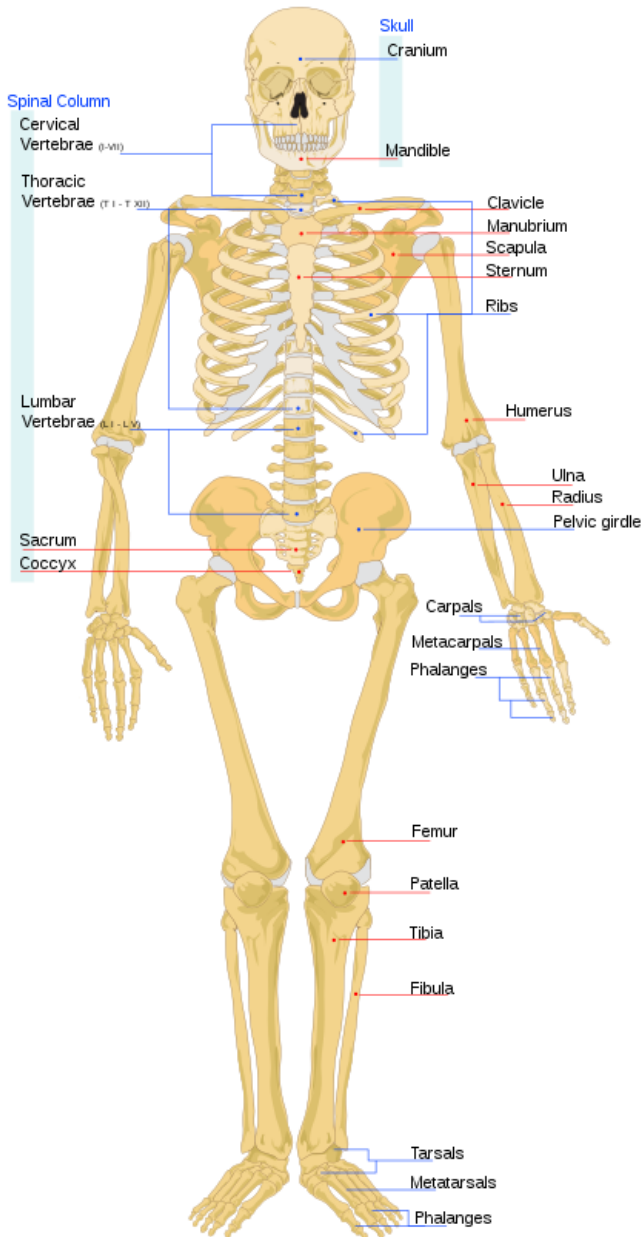


# exp!ore LAB SCIENCE

## Skeletal System

The skeletal system is the internal framework of the body made up of our bones.



☞ The human skeleton is responsible for support, movement, and protection of the human body, as well as production of blood cells, storage of minerals, and endocrine regulation.

☞ The skeletal system support allows us to maintain our shape. Without the rib cage, our lungs would collapse.

☞ Movement of the skeleton is dependent upon joints (where two bones meet). Movement is powered by skeletal muscle which connect to various sites on the bones.

☞ The skeletal system is also very important in the protection of the major organs, such as the skull protects our brain and the vertebrae protects our spinal cord.

☞ The development of blood cells also occurs in the skeletal system. It primarily occurs in the bone marrow of long bones such as the femur and the tibia.

**FUN FACT:** When a baby is born they have around **300** bones in their body. As they age some of their bones fuse together and a full grown adult has only about **206** bones.

