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STUDY NOTES

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**Science**

**CHAPTER: 9 How Animals Move**

**Today's Topic: Bones**

**Bones:**

Bones form the framework of the human body. They provide support and shape to the body. Although they are very light, bones are strong enough to support our entire body weight.

**Functions of specific bones:**

Bone	Body part that it protects
Skull	protects the brain that is enclosed within it and gives shape to the face.
Backbone or the spine	makes it possible for humans to stand upright. It protects the spinal cord, which carries nerve impulses to and from the brain to the rest of the body and also carries signals of touch, heat, smell, etc. to the brain.
Ribs and rib cage	shelter the heart, lungs, liver and spleen.
Pelvis	protects the bladder and intestines and the reproductive organs in women.

The human skull or the **cranium** is made of many bones joined together that seem like one. It has holes for the eyes, nose, ears and mouth. The only part of the skull that is movable is the lower **jawbone**, also known as the **mandible**.

**Cranium:** The part of the skull that encloses the brain.

**Mandible:** The lower jawbone that can move.

