

OL Lab 6: Skeletal system

Part 1: Analysis of the Skull

1.5 and 1.6-

Sphenoid bone:
greater wing

Temporal bone

Zygomatic bone

Maxilla

Mandible

Sphenoid bone – Helps form the base and lateral sides of the skull in combination with the orbital floor.

Zygomatic bone – Helps give shape and structure of the face and is connected to the jaw.

Temporal bone – Provides structural support for the skull, while protecting the cerebrum of the brain.

Maxilla – Provides critical bone structure to the skull and defines the face.

Mandible – Holds the lower teeth and aids in chewing.

Palatine bone

Maxilla

Sphenoid bone – Helps form the base and lateral sides of the skull in combination with the orbital floor.

Occipital bone – Protects the brain.

Temporal bone – Provides structural support for the skull, while protecting the cerebrum of the brain.

Maxilla – Provides critical bone structure to the skull and defines the face.

Palatine bone – Defines the lower wall of the cranium and forms important structures in the head.