

SKELETAL SYSTEM I: The Axial Skeleton

You are responsible for the following bones of the human skeleton. Besides these bone names and structures, you should know function, orientation, side of the body, and relationships between bones.

THE SKULL :

Frontal bone

- supraorbital foramen
- anterior cranial fossa
- frontal squama

Parietal bones

- sagittal suture
- coronal suture
- squamosal suture
- lambdoidal suture

Temporal bones

- squamous region
- tympanic region
- mastoid region
- petrous region
- squamosal suture
- ext. auditory meatus
- foramen lacerum
- int. acoustic meatus
- styloid process
- zygomatic process
- mastoid process
- mandibular fossa
- jugular foramen
- stylomastoid foramen
- middle cranial fossa

Maxillae

- frontal processes
- zygomatic processes
- palatine processes
- infraorbital foramina

Palatine bones

Lacrimal bones

- lacrimal sulcus

Hyoid bone

Occipital bone

- occipital condyles
- lambdoidal suture
- foramen magnum
- posterior cranial fossa
- hypoglossal canal

Sphenoid bone

- orbital fissures
- body
- greater wings
- lesser wings
- pterygoid processes
- sella turcica, hypophyseal fossa
- dorsum sellae
- optic foramina
- foramen rotundum
- foramen ovale
- foramen spinosum

Ethmoid bone

- crista galli
- cribriform plates
- lateral masses

Mandible

- body
- ramus
- mandibular condyle
- coronoid process
- angle
- mandibular foramina
- alveolar margin
- mental foramina
- mandibular symphysis

Zygomatic bones

Nasal bones

Vomer

RIBS AND STERNUM :

Sternum

manubrium
body
xiphoid process
jugular notch
sternal angle

True & false ribs

tubercle of rib
head, neck of rib
costal cartilage

VERTEBRAL COLUMN :

Parts of vertebrae

sup. & inf. articular process
transverse process
spinous process
body
vertebral foramen
intervertebral foramen
lamina
pedicle

Sacrum

sacral canal
median sacral crest
alae
sacral foramina

Cervical vertebrae

atlas
fovea dentis
axis
odontoid process (dens)
transverse foramina

Thoracic vertebrae

semifacets, transverse process facets

Lumbar vertebrae

Coccyx