

Skeletal System

Skull

Locate the following structures on the appropriate model or diagram. Understand the function of each.

skull sutures

_____ coronal
 _____ lambdoid
 _____ sagittal
 _____ squamous
 _____ fontanel (frontal, occipital)
 _____ fontanel (sphenoidal, mastoid)
 _____ sutural bones

frontal

_____ frontal sinus
 _____ supraorbital margin
 _____ supraorbital foramen (notch)

temporal

_____ external auditory meatus
 _____ internal auditory meatus
 _____ mastoid process
 _____ mandibular fossa
 _____ zygomatic process
 _____ petrous portion
 _____ carotid canal
 _____ jugular foramen
 _____ styloid process

occipital

_____ foramen magnum
 _____ occipital condyle
 _____ external occipital protuberance

parietal

sphenoid

_____ greater wing
 _____ lesser wing
 _____ sella turcica
 _____ optic foramen (canal)
 _____ sphenoidal sinuses
 _____ pterygoid processes
 _____ superior orbital fissure

ethmoid

_____ crista galli
 _____ cribriform plate
 _____ perpendicular plate
 _____ superior nasal concha
 _____ middle nasal concha
 _____ ethmoid sinuses

palatine

vomer

nasal

inferior nasal conchae

lacrimal

_____ lacrimal fossa

zygomatic

_____ temporal process
 _____ zygomatic arch

maxilla

_____ infraorbital foramen
 _____ alveolar process
 _____ maxillary sinus
 _____ palatine process
 _____ infraorbital fissure

mandible

_____ mandibular body
 _____ mandibular ramus
 _____ alveolar process
 _____ mandibular condyle
 _____ mandibular notch
 _____ coronoid process
 _____ mental foramen
 _____ mandibular foramen

Skeletal System

Trunk

Locate the following structures on the appropriate model or diagram. Understand the function of each.

_____ **hyoid**

_____ **sternum**

_____ manubrium
 _____ body
 _____ xiphoid process
 _____ sternal angle
 _____ jugular notch
 _____ clavicular notches

_____ **vertebrae - common features**

_____ body
 _____ lamina
 _____ pedicle
 _____ vertebral foramen
 _____ transverse process
 _____ superior articular process/facet
 _____ inferior articular process/facet
 _____ spinous process
 _____ intervertebral disk
 _____ intervertebral foramen

_____ **vertebrae, cervical**

_____ cervical curve
 _____ transverse foramen
 _____ atlas
 _____ axis - odontoid process (dens)
 _____ vertebra prominens

_____ **ribs**

_____ true (vertebrosternal)
 _____ false (vertebrochondral)
 _____ floating
 _____ head
 _____ neck
 _____ body
 _____ tubercle
 _____ costal angle
 _____ costal groove
 _____ costal cartilage

_____ **vertebrae, thoracic**

_____ thoracic curve
 _____ rib facets

_____ **vertebrae, lumbar**

_____ lumbar curve

_____ **sacrum**

_____ sacral foramina
 _____ sacral promontory
 _____ sacral canal
 _____ sacral hiatus

_____ **coccyx**

_____ pelvic curve

Skeletal System

Upper Extremity

Locate the following structures on the appropriate model or diagram. Understand the function of each.

clavicle

_____ sternal end
 _____ acromial end

scapula

_____ scapular spine
 _____ supraspinous fossa
 _____ infraspinous fossa
 _____ borders (lateral, medial, superior)
 _____ superior angle
 _____ inferior angle
 _____ subscapular fossa
 _____ acromion process
 _____ coracoid process
 _____ glenoid cavity

humerus

_____ head
 _____ anatomical neck
 _____ surgical neck
 _____ greater tubercle
 _____ lesser tubercle
 _____ intertubercular (groove) sulcus
 _____ deltoid tuberosity
 _____ medial epicondyle
 _____ lateral epicondyle
 _____ trochlea
 _____ capitulum
 _____ olecranon fossa
 _____ coronoid fossa

radius

_____ head
 _____ radial tuberosity
 _____ ulnar notch
 _____ styloid process

ulna

_____ olecranon process
 _____ coronoid process
 _____ head (distal end!)
 _____ styloid process
 _____ trochlear notch
 _____ radial notch

carpal bones

_____ scaphoid
 _____ lunate
 _____ triquetrum
 _____ pisiform
 _____ hamate
 _____ capitate
 _____ trapezoid
 _____ trapezium

metacarpals (1 ,2 ,3 ,4 ,5)

phalanges (fingers)

_____ proximal phalanx
 _____ middle phalanx
 _____ distal phalanx

Skeletal System

Lower Extremity

Locate the following structures on the appropriate model or diagram. Understand the function of each.

coxal bones (ilium, ischium, pubis)

_____ sacroiliac joint
 _____ symphysis pubis joint
 _____ acetabulum
 _____ obturator foramen
 _____ pelvic brim

ilium

_____ anterior superior iliac spine
 _____ anterior inferior iliac spine
 _____ iliac crest
 _____ posterior superior iliac spine
 _____ posterior inferior iliac spine
 _____ greater sciatic notch

ischium

_____ ischial tuberosity
 _____ ischial spine
 _____ ramus
 _____ lesser sciatic notch

pubis

_____ pubic arch (angle)
 _____ superior ramus
 _____ inferior ramus

tarsal bones

_____ talus
 _____ calcaneous
 _____ navicular
 _____ cuneiform (medial, intermediate, lateral)
 _____ cuboid

metatarsals (1, 2, 3, 4, 5)

femur

_____ head
 _____ neck
 _____ greater trochanter
 _____ lesser trochanter
 _____ fovea capitis
 _____ linea aspera
 _____ gluteal tuberosity
 _____ medial condyle
 _____ lateral condyle
 _____ patellar surface
 _____ medial epicondyle
 _____ lateral epicondyle
 _____ intercondylar fossa

patella

tibia

_____ tibial tuberosity
 _____ medial condyle
 _____ lateral condyle
 _____ intercondylar eminence
 _____ medial malleolus
 _____ fibular notch

fibula

_____ head
 _____ lateral malleolus

phalanges (toes)

_____ proximal phalanx
 _____ middle phalanx
 _____ distal phalanx