

LAB GUIDE FOR THE SKELETAL SYSTEM

Skull

Parietal Nasal Vomer
 Frontal Lacrimal Palatine
 Occipital Ethmoid
 Zygomatic Sella turcica
 Temporal Maxilla
 Sphenoid Mandible

Zygomatic Process of the Temporal
 Occipital Condyles Styloid Process
 Mastoid Process Foramen Magnum
 Mental Foramen

Major Sutures
 Coronal Sagittal
 Squamosal Lambdoidal

Vertebral Column
 Cervical Thoracic
 Lumbar Sacrum Coccyx

Vertebrae
 Body Spinous Process
 Transverse Process Lamina
 Intervertebral Foramen Vertebral Foramen
 Transverse Foramen (cervical) Pedicle

Atlas
 Transverse foramen Transverse process
 Vertebral foramen

Axis
 Odontoid Body (Dens) Superior Articular facet
 Spinous process

Ribs – True False Floating

Sternum
 Manubrium Body Xiphoid Process

Pectoral Girdle
 Clavicle Scapula
 Acromion Process Spine
 Glenoid Cavity Corocoid Process

Humerus
 Head Neck Deltoid Tuberosity
 Greater & Lesser Tubercles Olecranon Fossa
 Coronoid Fossa Trochlea Capitulum

Radius
 Head Radial Tuberosity
 Styloid Process

Ulna
 Olecranon Process Coronoid Process
 Styloid Process Trochlear Notch

Carpals (8) Metacarpals (5)
 Phalanges (14 per hand)
 Proximal Middle Distal phalanx

Pelvic Girdle
 Coxal Bones – Ilium Ischium Pubis
 Symphysis Pubis Ischial Spine Iliac Crest
 Sacroiliac Joint (between sacrum and iliac)
 Acetabulum
 Obturator Foramen Male vs Female

Sacrum
 Sacral Canal Sacral Foramen Sacral hiatus

Femur
 Head Fovea Capitis Neck
 Greater Trochanter Lesser Trochanter
 Medial & Lateral Condyles
 Medial & Lateral Epicondyles

Tibia
 Tibial Tuberosity Medial Malleolus
 Medial & Lateral Condyles

Fibula - Head Lateral Malleolus

Tarsals (7)
 Calcaneous Talus Navicular
 Cuboid Lateral, Medial, Intermediate Cuneiform

Metatarsals (5)
 Phalanges (14 per foot)
 Proximal Middle Distal

Patella (knee cap)

