

Skeletal Lab

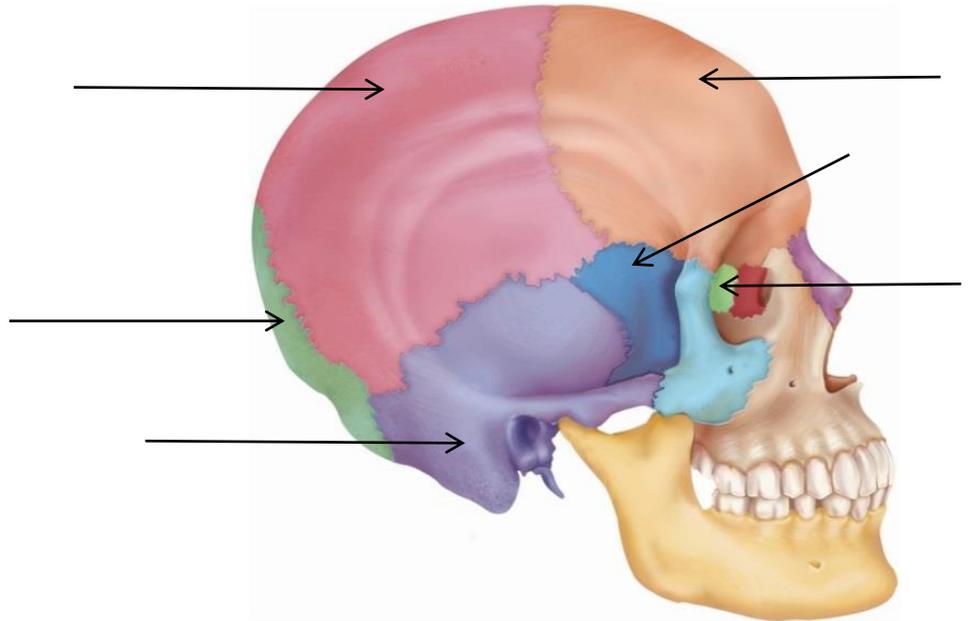
In this lab students will learn to identify and the bones in the human body. Use your textbook to identify and label the bones listed below. Watch the video on the Anatomy and Physiology website that is associated with this lab.

Activity One: The Skeleton

Please identify and label the following bones listed below. Use your textbook to complete this activity, these bones can be found on pages 231-267.

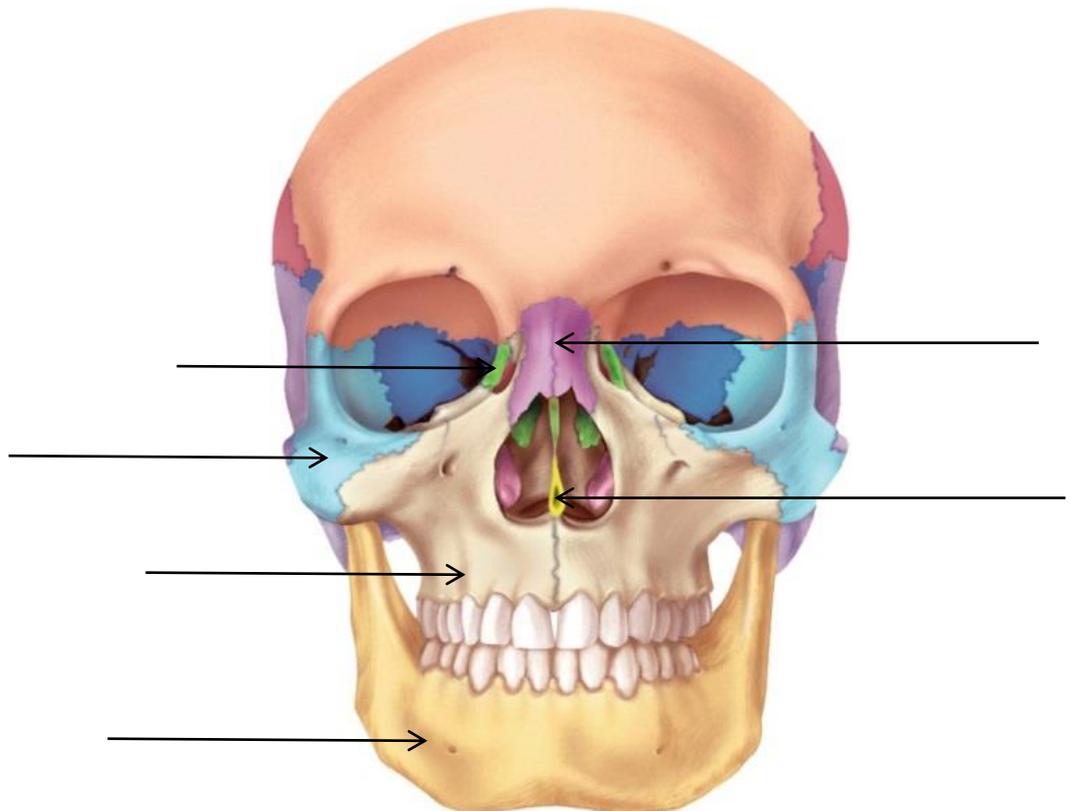
Cranial Bones

- Frontal Bone
- Parietal Bones
- Temporal Bones
- Occipital Bone
- Sphenoid Bone
- Ethmoid Bone



Facial Bones

- Maxillae Bones
- Palatine Bones (not visible in this picture)
- Zygomatic Bones
- Lacrimal Bones
- Nasal Bones
- Vomer Bone
- Mandible



__ Hyoid Bone

Thoracic Cage

__ Sternum

__ Ribs



Vertebral Column

__ Cervical Vertebrae

__ Atlas (cervical vertebra I)

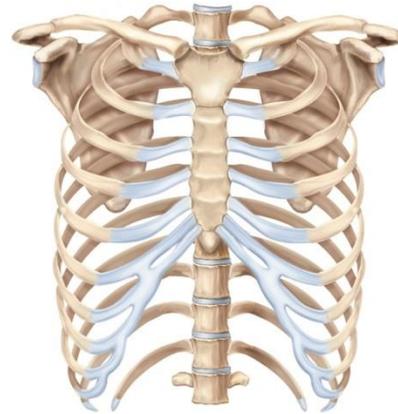
__ Axis (cervical vertebra II)

__ Thoracic Vertebrae

__ Lumbar Vertebrae

__ Sacral Vertebrae (Sacrum)

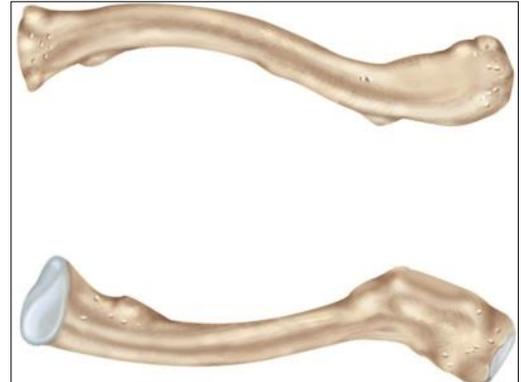
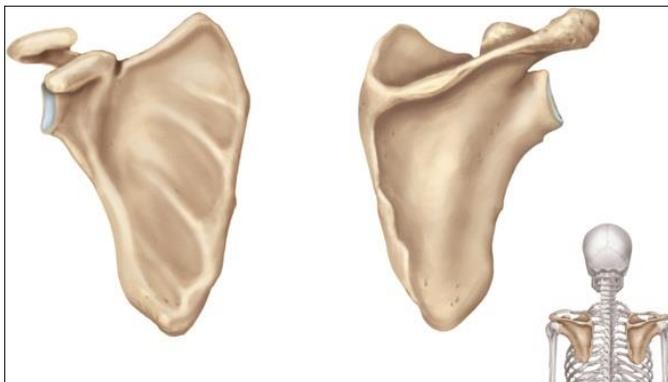
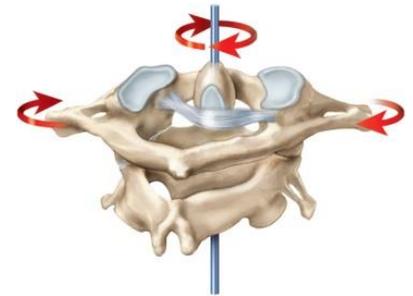
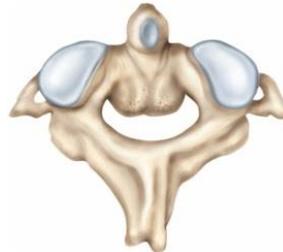
__ Coccyx Vertebrae



Pectoral Girdle

__ Clavicle

__ Scapula



Carpal Bones

- Scaphoid
- Lunate
- Triquetrum
- Pisiform
- Trapezium
- Trapezoid
- Capitate
- Hamate

Metacarpal Bones

- I-V

Phalanges

- Proximal Phalanx I-V
- Middle Phalanx II-V
- Distal Phalanx I-V



Tarsal Bones

- Calcaneus
- Talus
- Navicular
- Medial Cuneiform
- Intermediate Cuneiform
- Lateral Cuneiform
- Cuboid

Metatarsal Bones

- I-V

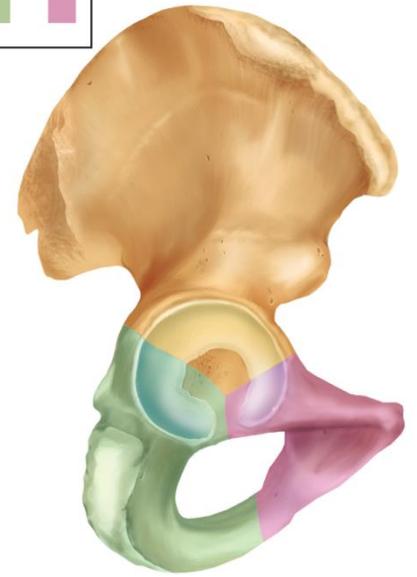
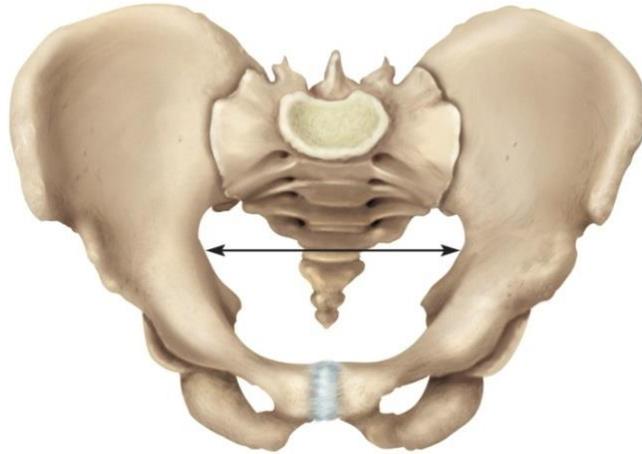
Phalanges

- Proximal Phalanx I-V
- Middle Phalanx II-V
- Distal Phalanx I-V



Pelvic Girdle (Os Coxae)

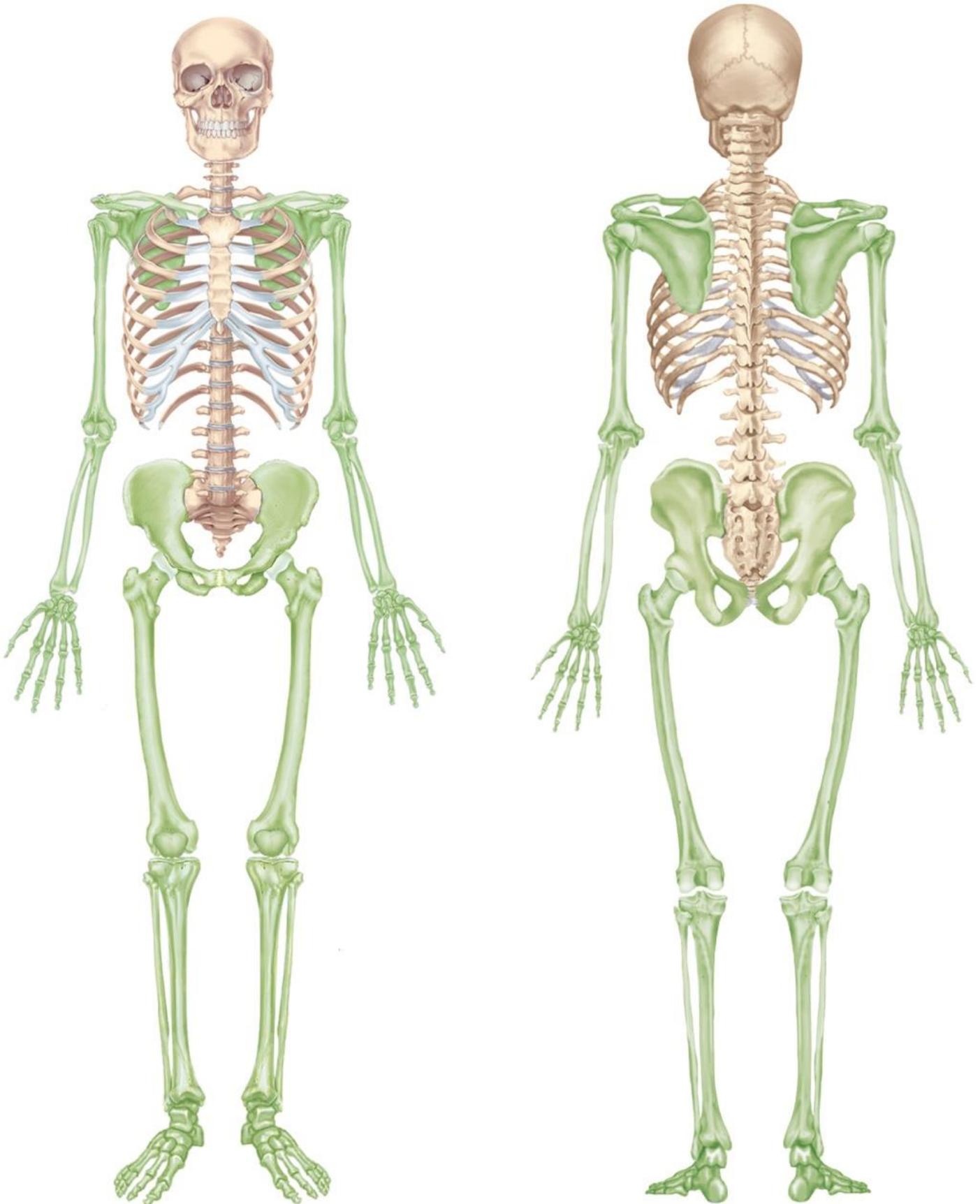
- Ilium
- Ischium
- Pubis



- Humerus
- Radius
- Ulna
- Femur
- Patella
- Tibia
- Fibula



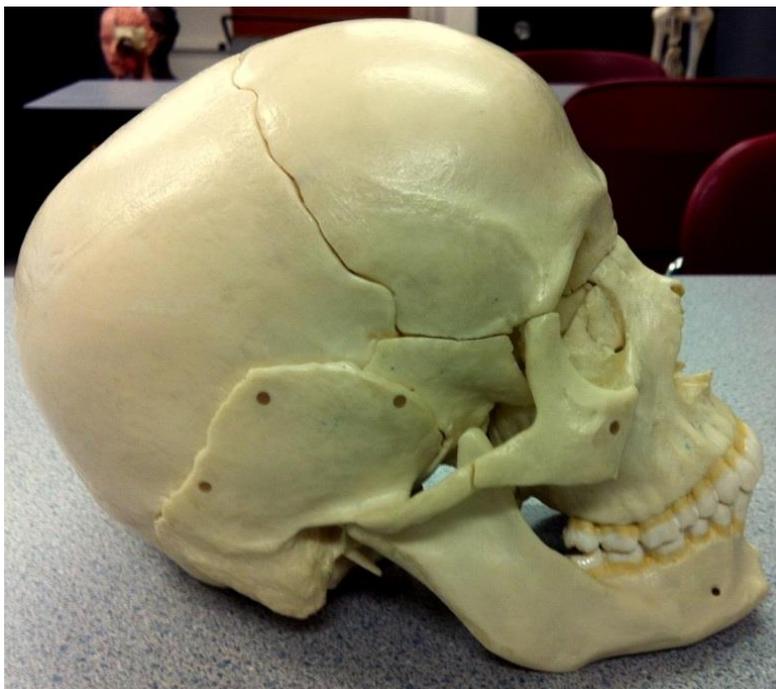
Label as many of the bones listed above that you can find on this image:



Activity Two: The Skeleton (models)

Please identify and label the following bones (same as above) on the models below. Watch the Skeletal Lab Video on the Anatomy and Physiology Website to help you complete this activity.

- ___ Frontal Bone
- ___ Parietal Bones
- ___ Temporal Bones
- ___ Occipital Bone
- ___ Sphenoid Bone
- ___ Ethmoid Bone
- ___ Maxillae Bones
- ___ Palatine Bones
- ___ Zygomatic Bones
- ___ Lacrimal Bones
- ___ Nasal Bones
- ___ Vomer Bone
- ___ Mandible



Tarsal Bones

- Calcaneus
- Talus
- Navicular
- Medial Cuneiform
- Intermediate Cuneiform
- Lateral Cuneiform
- Cuboid

Metatarsal Bones

- I-V

Phalanges

- Proximal Phalanx I-V
- Middle Phalanx II-V
- Distal Phalanx I-V



Carpal Bones

- __ Scaphoid
- __ Lunate
- __ Triquetrum
- __ Pisiform
- __ Trapezium
- __ Trapezoid
- __ Capitate
- __ Hamate

Metacarpal Bones

- __ I-V

Phalanges

- __ Proximal Phalanx I-V
- __ Middle Phalanx II-V
- __ Distal Phalanx I-V



__ Hyoid Bone



Thoracic Cage

__ Sternum

__ Ribs

Vertebral Column

__ Cervical Vertebrae

__ Atlas (cervical vertebra I)

__ Axis (cervical vertebra II)

__ Thoracic Vertebrae

__ Lumbar Vertebrae

__ Sacral Vertebrae (Sacrum)

__ Coccyx Vertebrae



Pectoral Girdle

__ Clavicle

__ Scapula



- __ Humerus
- __ Radius
- __ Ulna
- __ Femur
- __ Patella
- __ Tibia
- __ Fibula



Pelvic Girdle (Os Coxae)

- __ Ilium
- __ Ischium
- __ Pubis

