

# Musculoskeletal System

## Vocabulary List

### Anatomical Terms:

Superior/Inferior  
Anterior/Posterior  
Dorsal/Ventral  
Medial/Lateral  
Proximal/ Distal  
Superficial/Deep

### Joints:

Fibrous- non-movable: sutures, gomphosis

Cartilagenous- slightly movable: intervertebral, pubic symphysis

Synovial- freely movable: ball-n-socket (hip, shoulder), hinge (elbow, knee), pivot (elbow, neck)

### Body Cavities & Associated Membranes:

Dorsal  
Cranial cavity }  
Vertebral canal } Meninges

Ventral  
Thoracic  
Pleural (2) → Pleural membrane  
Pericardial → Pericardial membrane  
Abdominopelvic }  
Abdominal } Peritoneal membrane  
Pelvic }

### Planes of Section:

Sagittal  
Coronal  
Horizontal

### Skull bones:

Frontal  
Parietal  
Temporal  
Occipital  
*Foramen magnum*  
Mandible  
Maxilla  
Nasal  
Zygomatic  
Hyoid

### Upper Limb:

Clavicle  
Scapula  
Humerus  
Ulna  
Radius  
Carpals, Metacarpals, Phalanges

### Vertebrae and Ribs:

Cervical }  
Thoracic } 24  
Lumbar }  
Sacrum  
Coccyx  
Sternum  
Ribs (12 pairs)

### Lower Limb:

Pelvis (os coxa)  
Femur  
Patella  
Tibia  
Fibula  
Tarsals, Metatarsals,  
Phalanges

**Muscles:** Triceps, biceps, trapezius, flexor carpi group, rectus abdominus, gastrocnemius

**Movements:** Flexion, Extension, Hyperextension, Pronation, Suponation, Adduction, Abduction, Rotation