

# BI 121 Lab 2: Introduction to Anatomy & Physiology

:00 *I. Attendance cards*

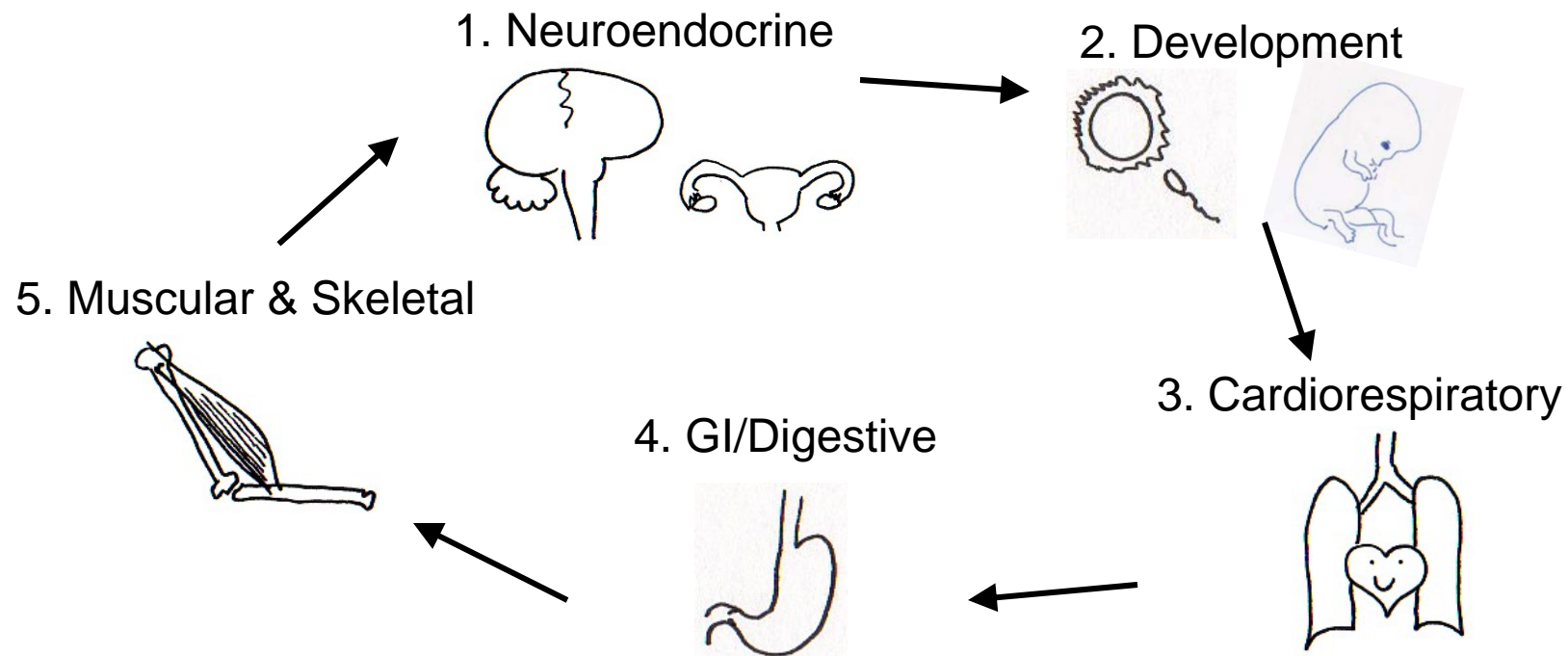
*If your name is not called, please see us! Thank you!*

:05 *II. Anatomical position*

:08 *III. Directional terms*

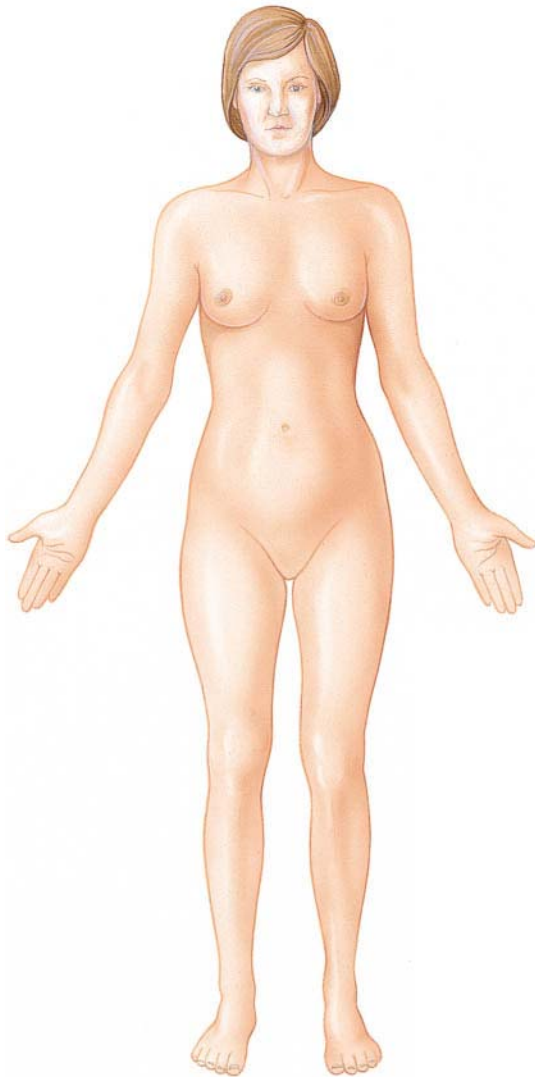
:11 *IV. Action terms*

:15 *V. Group rotations ~5-7 min/station*



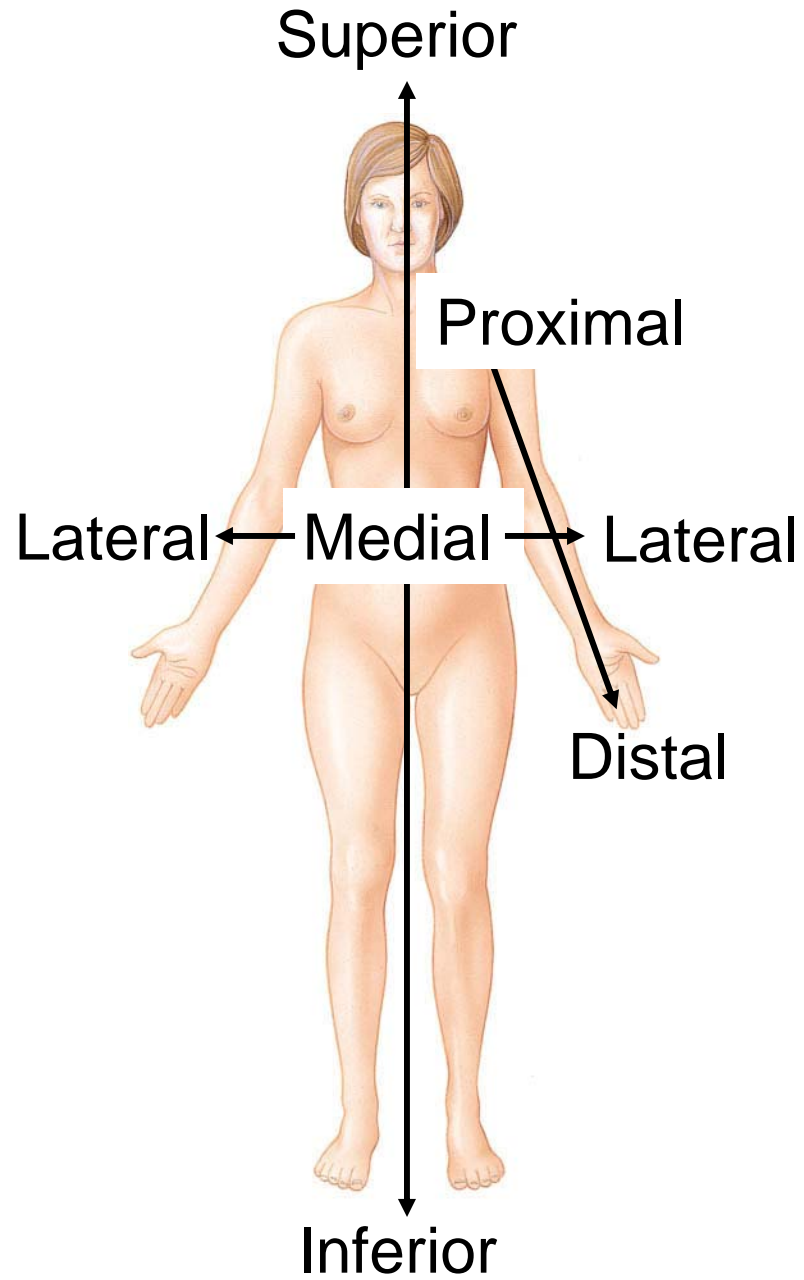
# *Anatomical Position:* Reference for Anatomy

Anterior View

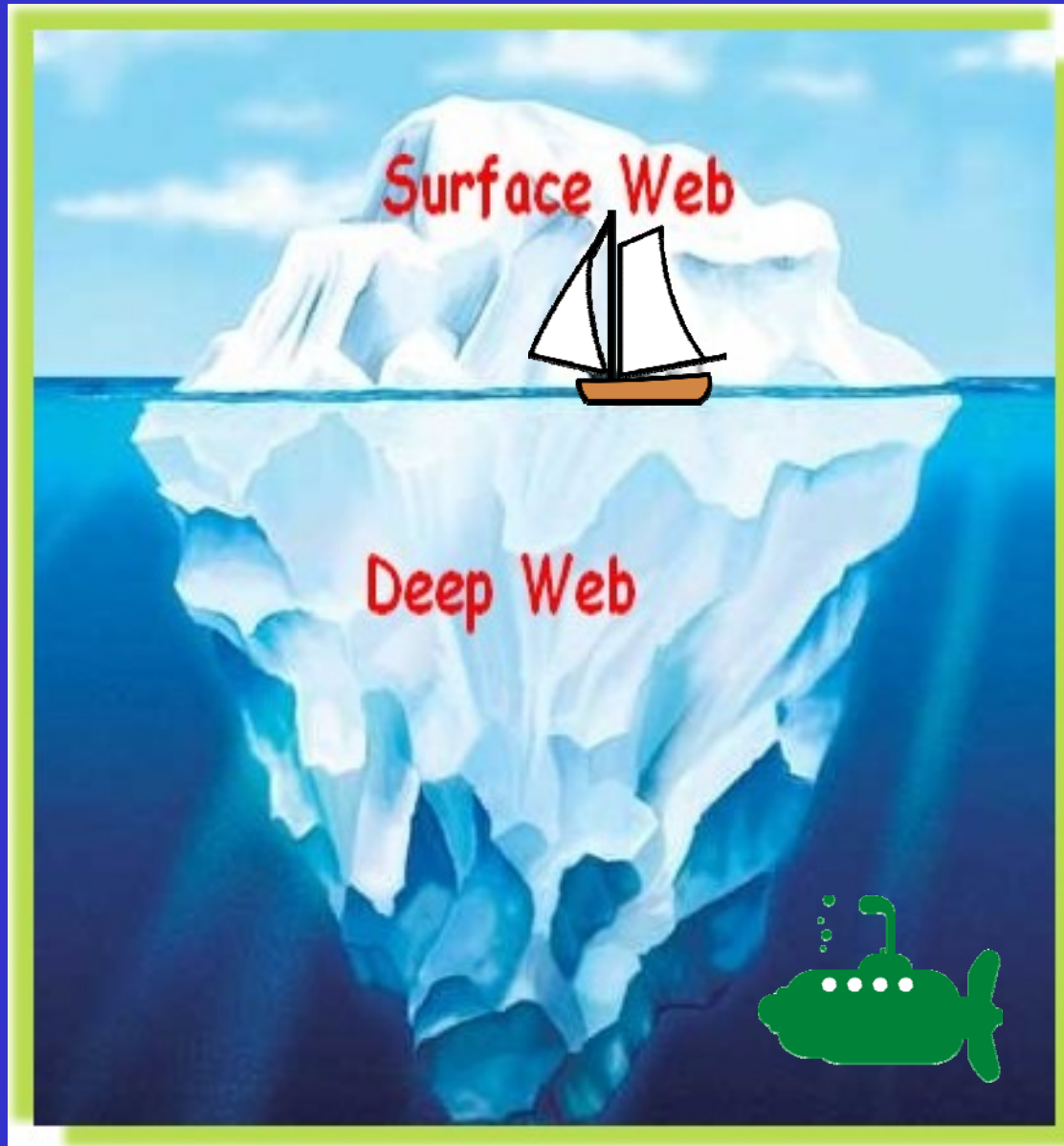


Posterior View

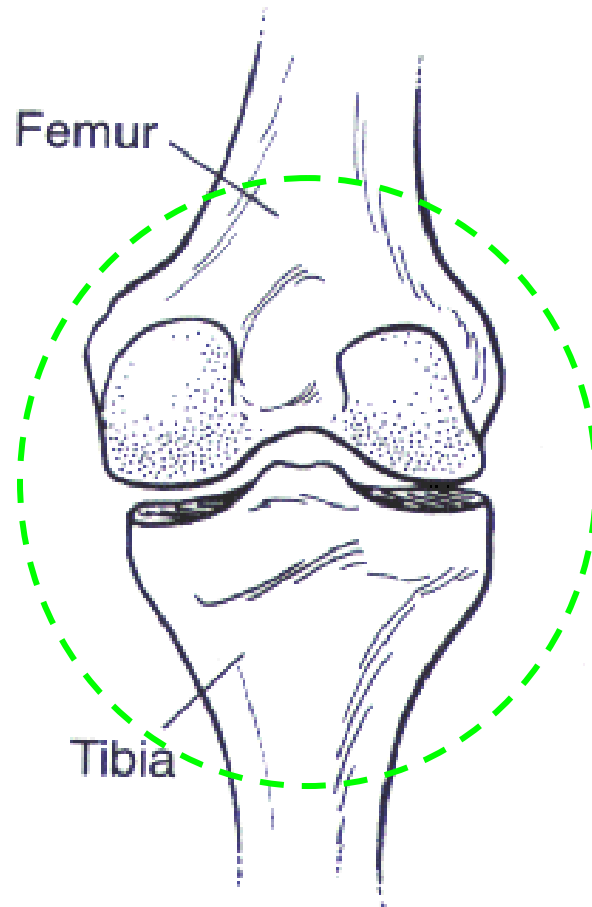




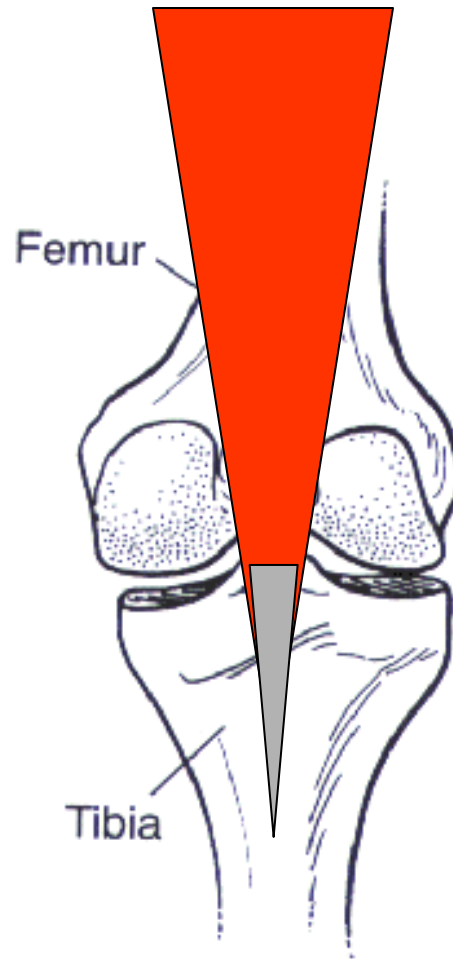
# *Superficial vs. Deep?*



*Joint.* Simply a Place Where 2 Bones Meet!



# *Muscles: Cross Joints by Way of Tendons*

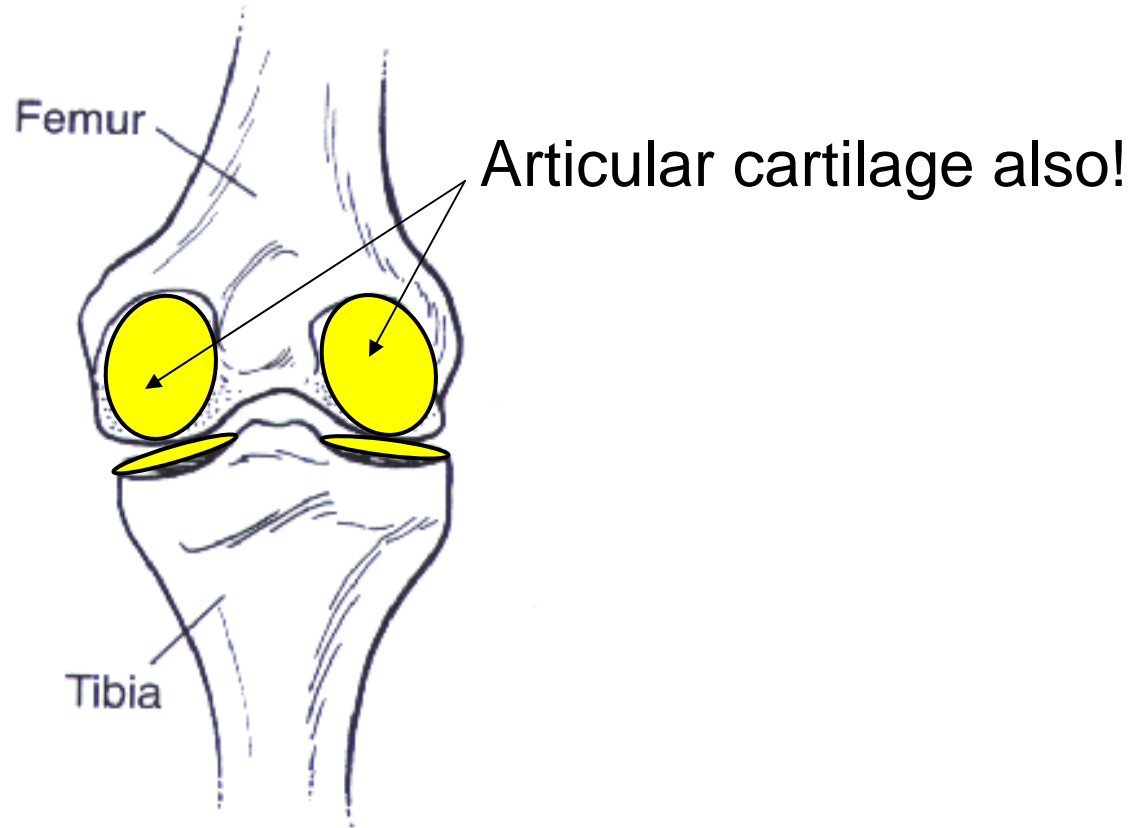


*Tendons: Staple Muscles to Bones!*

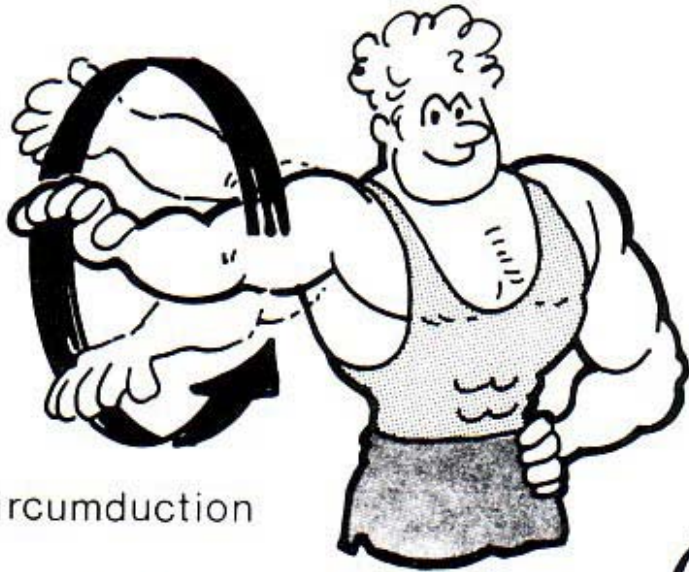
# *Ligaments: Connect Bone to Bone!*



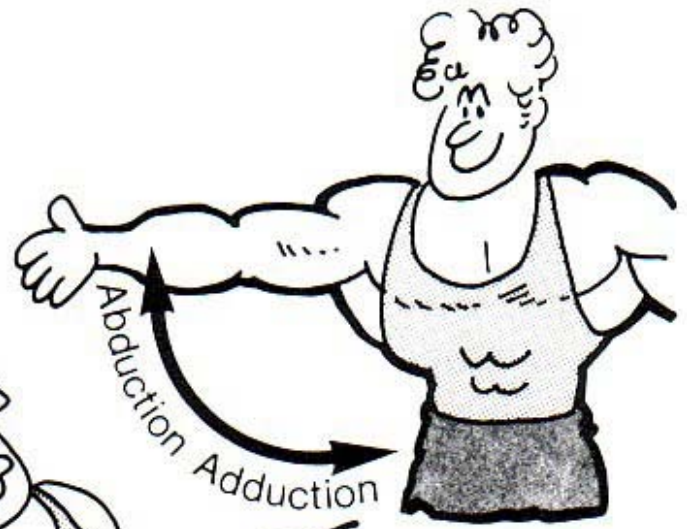
# *Cartilage*: Cushion Between Bones!



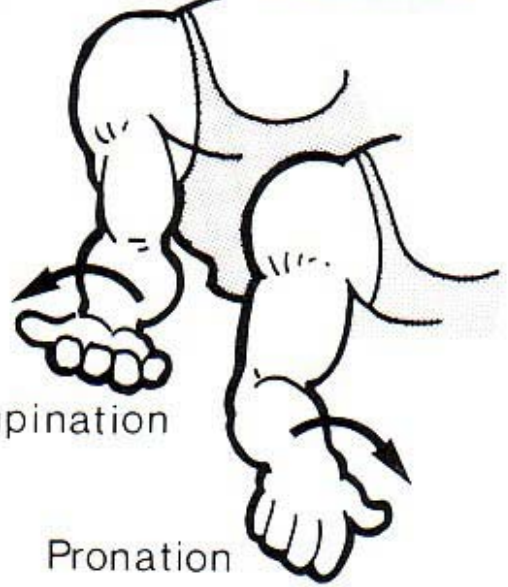




Circumduction



Rotation  
(about long axis)



Supination

Pronation

## ***Mystery Structure-Function Day***

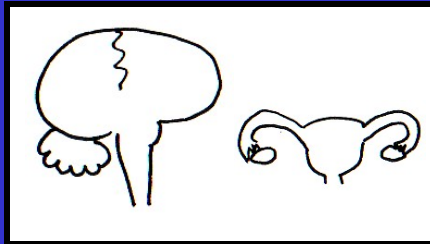
1. Your group should have 4-6 people at your 1<sup>st</sup> station.
2. Answer as many questions as possible with your group.
3. Collaborate, collaborate, collaborate!
4. Written references/resources are fine, but not instructors.
5. Please, no photography, images or copies of any kind.



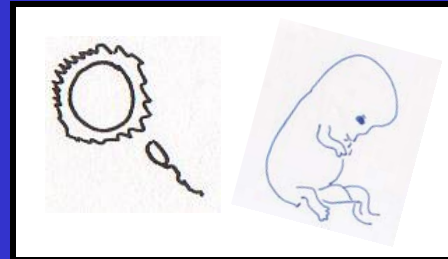
...Above all have fun!

# Group Rotations

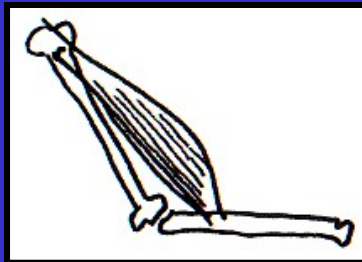
1. Neuroendocrine



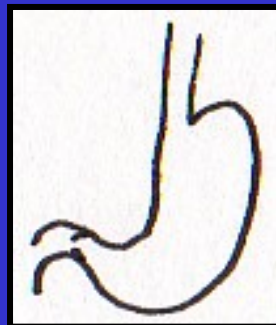
2. Development



5. Muscular & Skeletal



4. GI/Digestive



3. Cardiorespiratory

