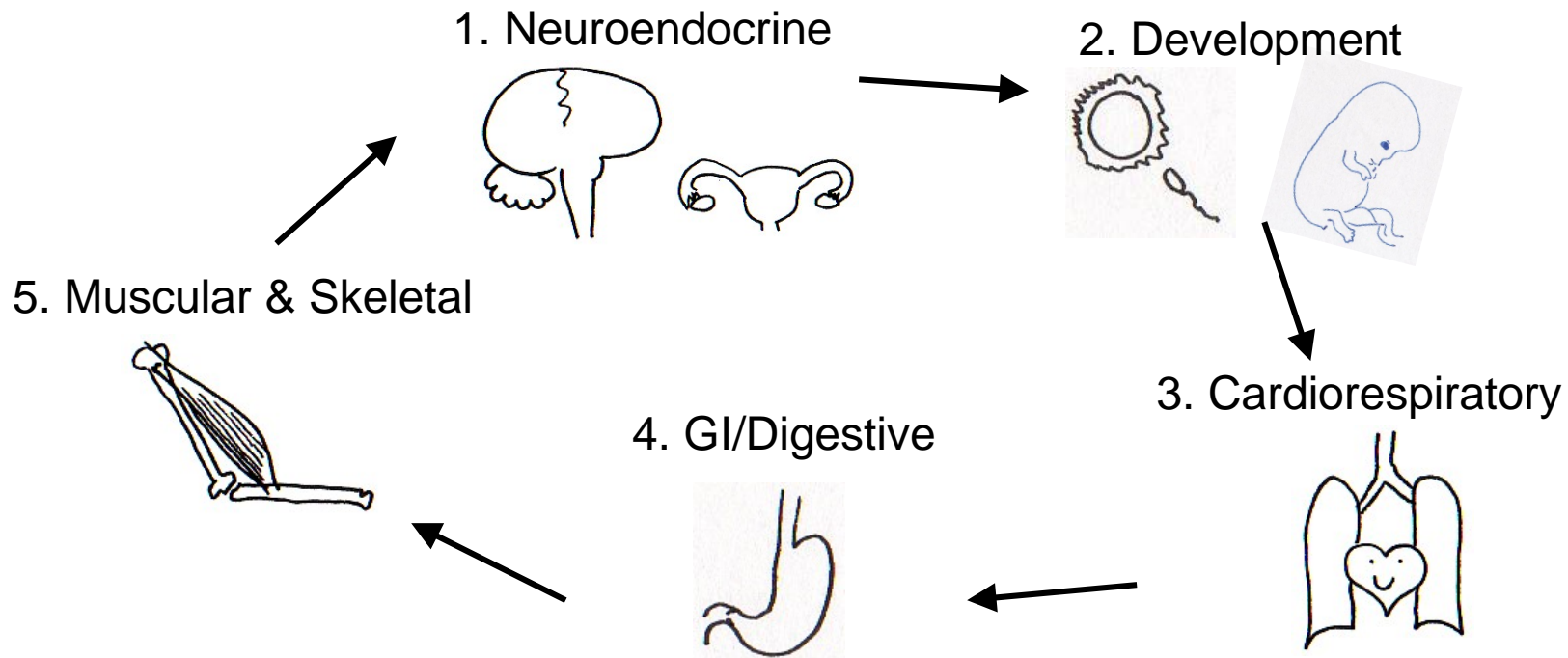


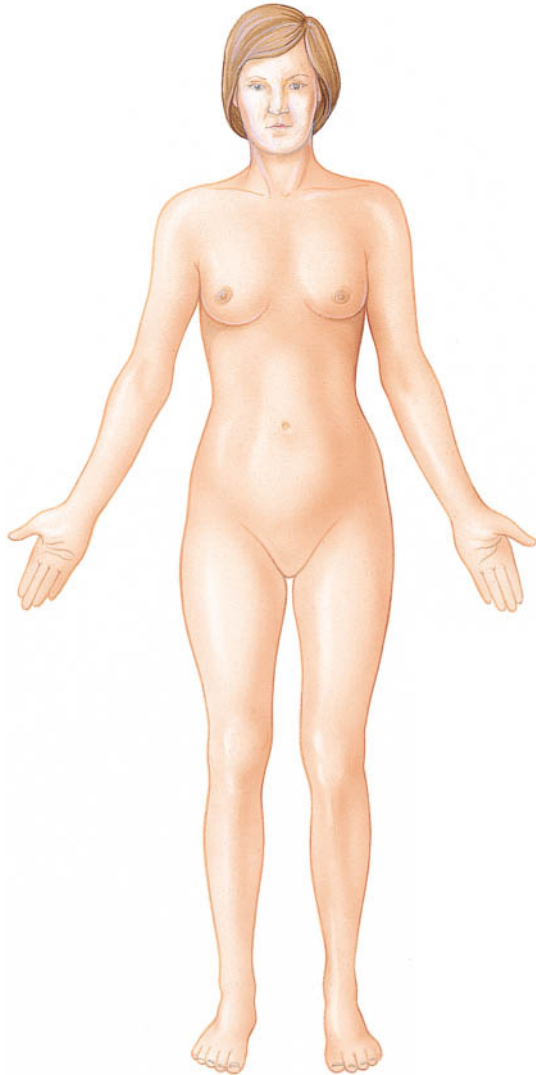
# BI 121 Lab 2: Introduction to Anatomy & Physiology

- :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



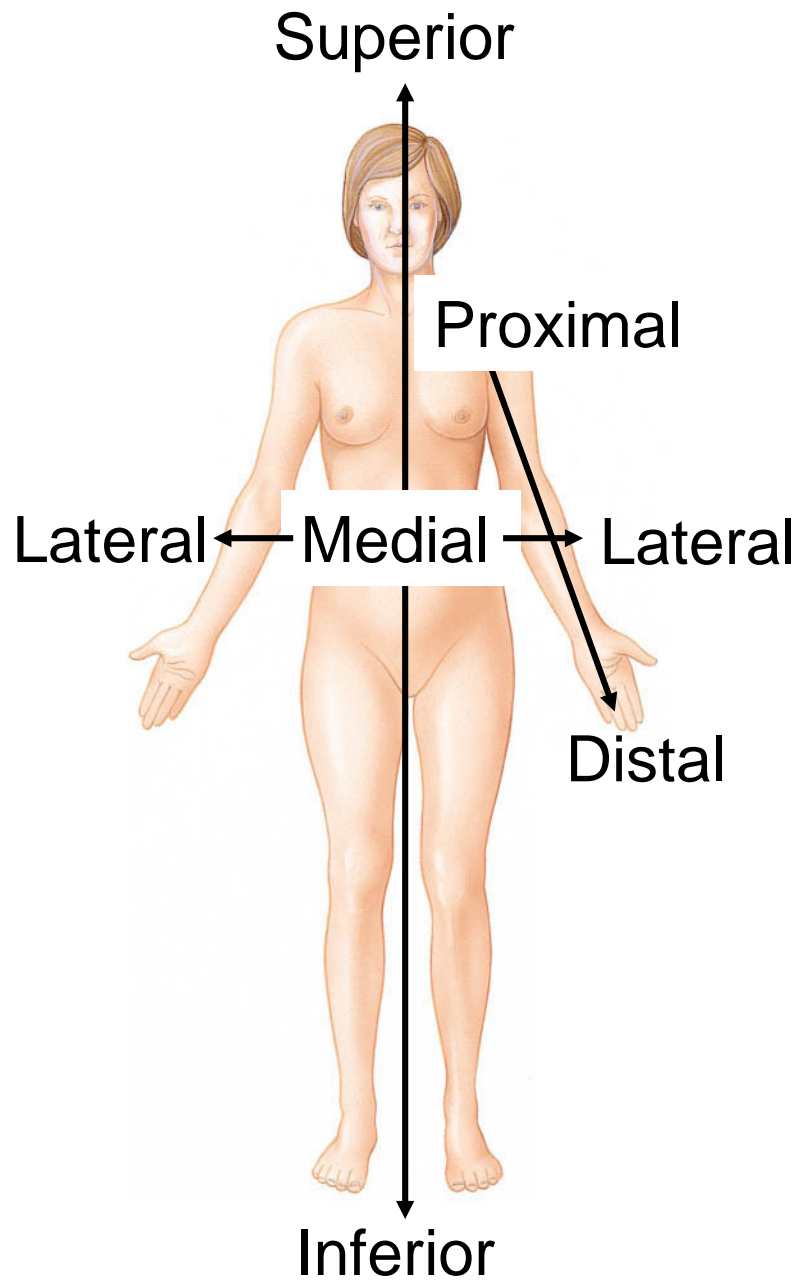
# *Anatomical Position:* Reference for Anatomy

Anterior View

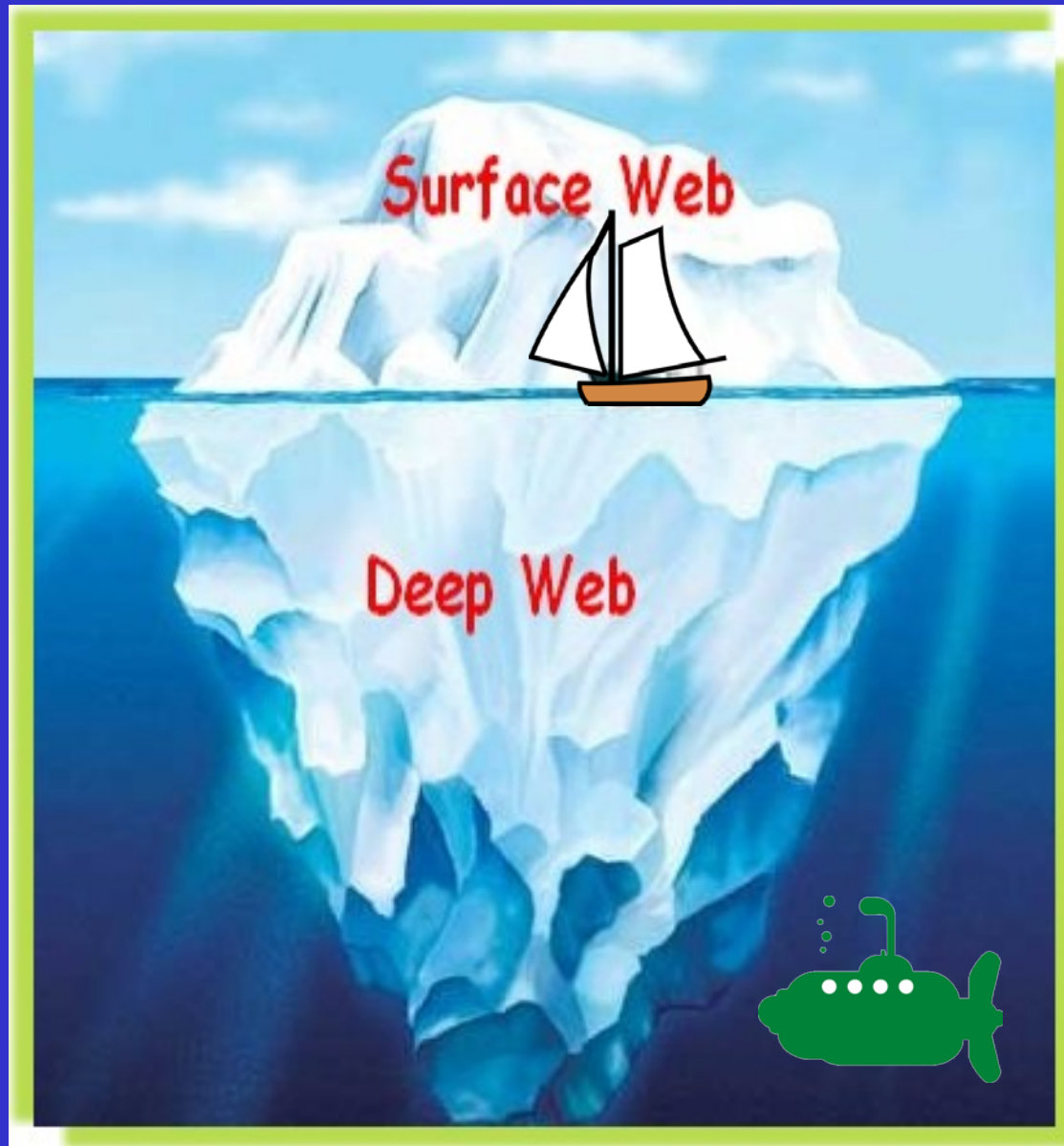


Posterior View

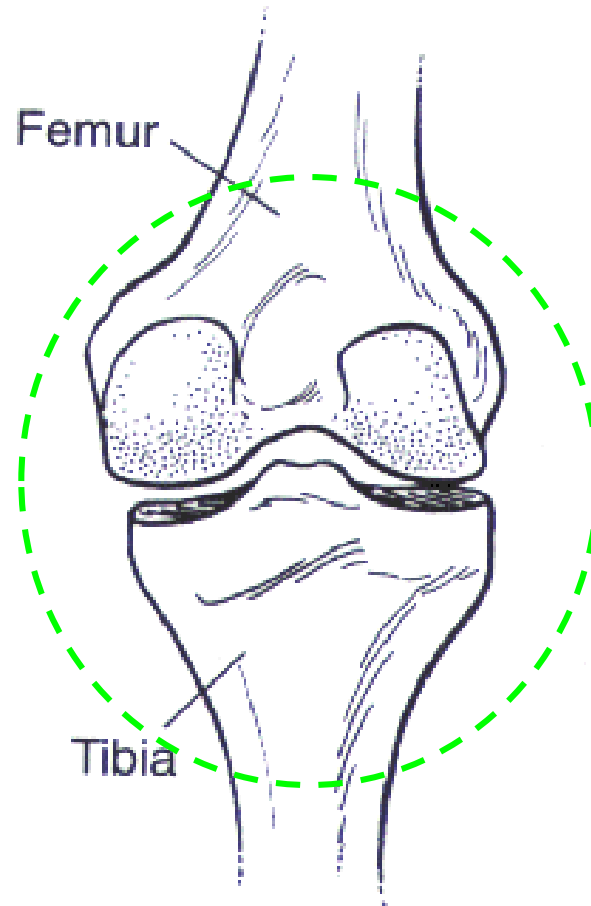




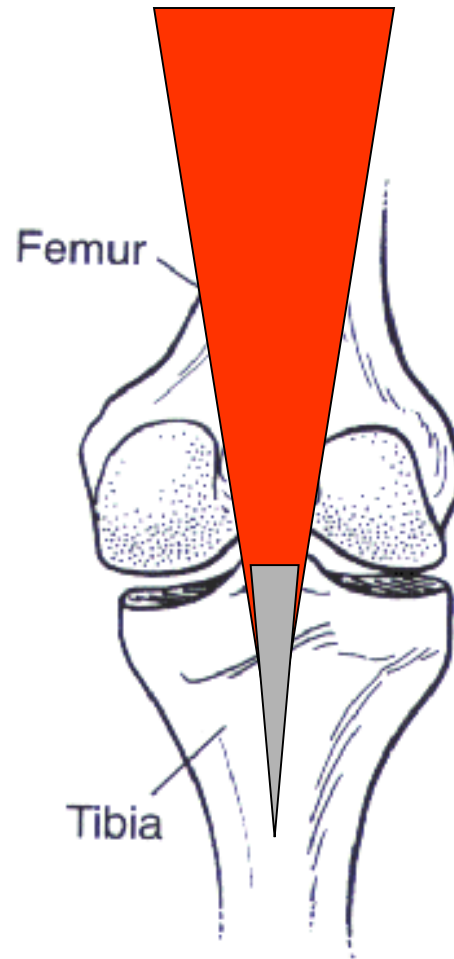
# *Superficial vs. Deep?*



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

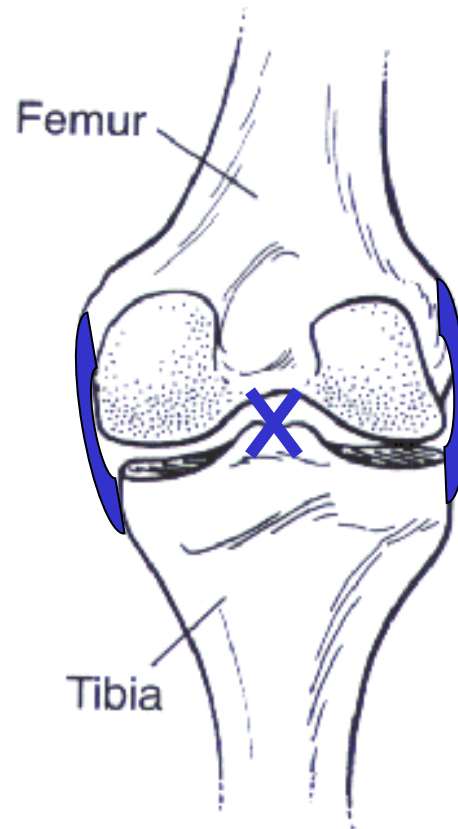


# *Muscles: Cross Joints by Way of Tendons*

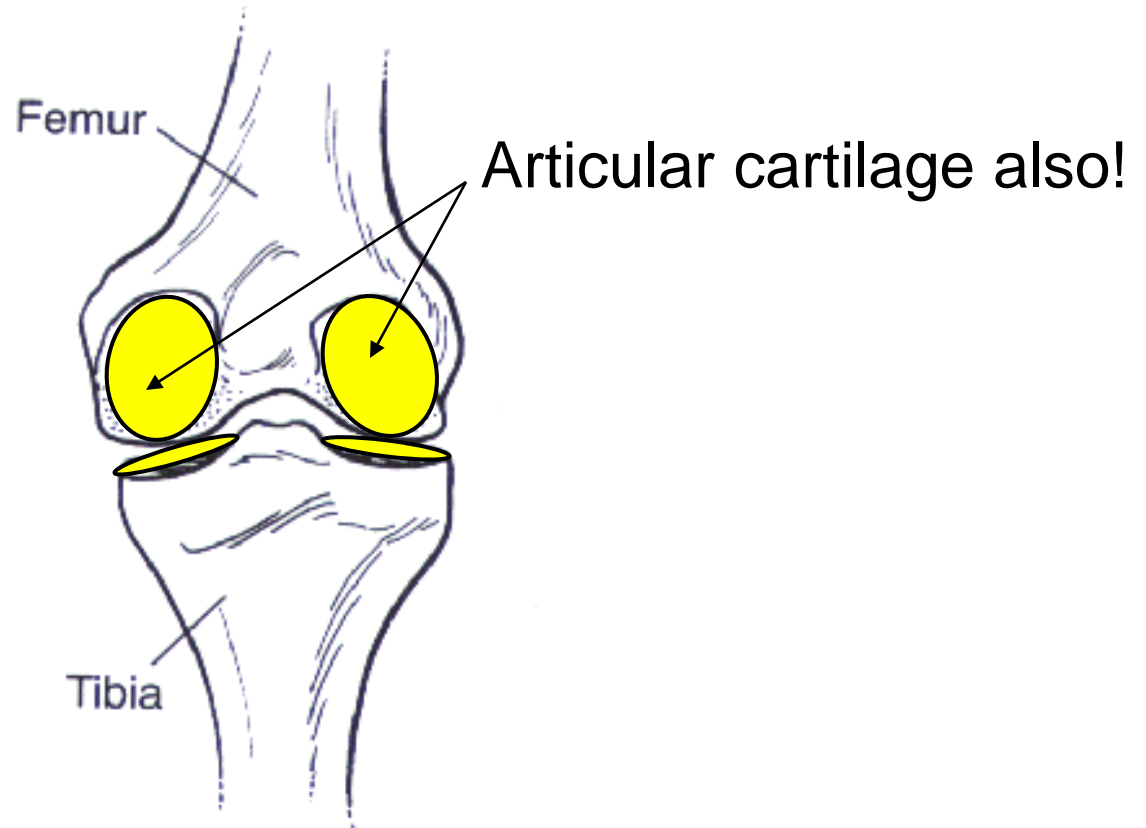


*Tendons: Staple Muscles to Bones!*

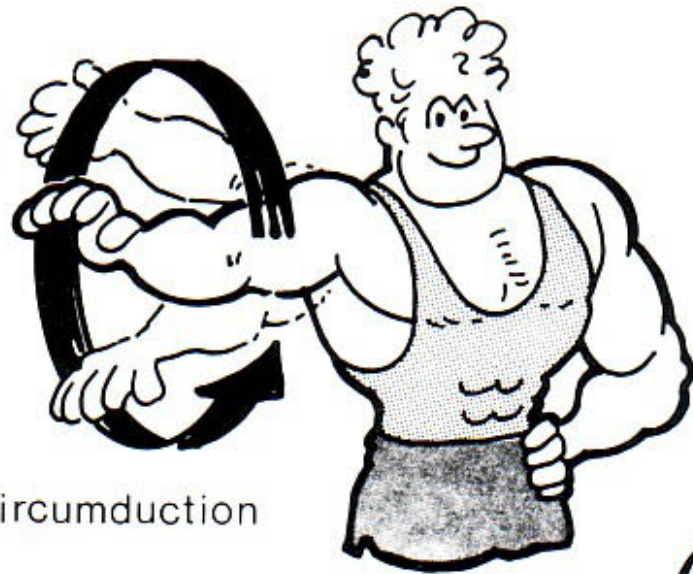
# *Ligaments: Connect Bone to Bone!*



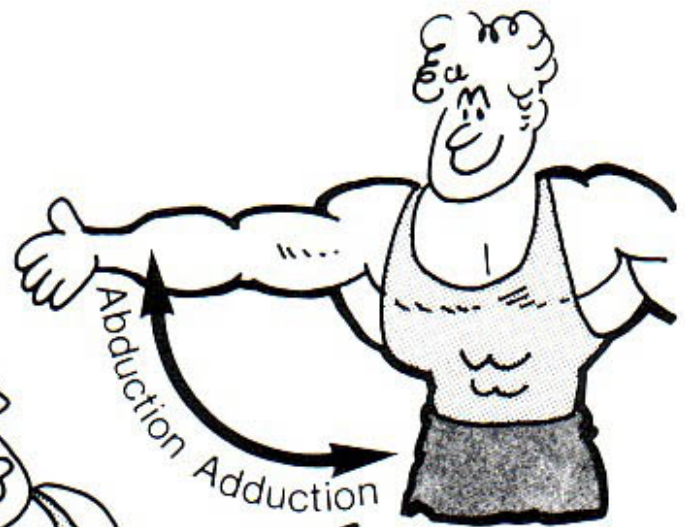
# *Cartilage*: Cushion Between Bones!







Circumduction



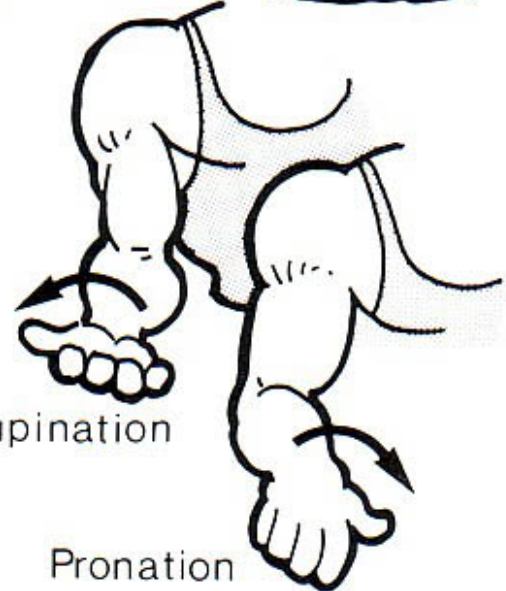
Abduction  
Adduction



Rotation  
(about long axis)



Flexion  
Extension

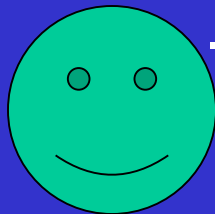


Supination

Pronation

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

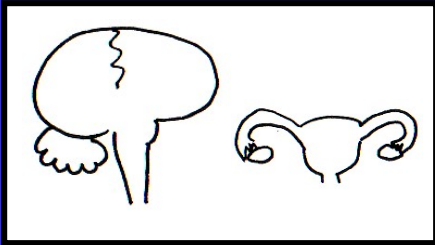
1. Your group should have 4-6 people at your 1<sup>st</sup> station.
2. Answer as many questions as possible with your group.
3. Collaborate, collaborate, collaborate!
4. Written references/resources are fine, but not instructors.
5. Please, no photography, images or copies of any kind.



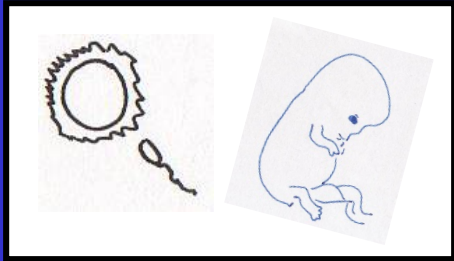
...Above all have fun!

# Group Rotations

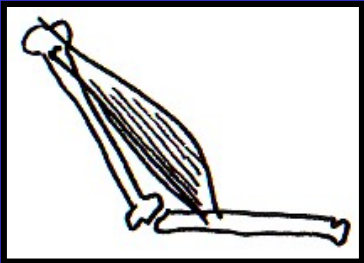
1. Neuroendocrine



2. Development



5. Muscular & Skeletal



4. GI/Digestive



3. Cardiorespiratory

