

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

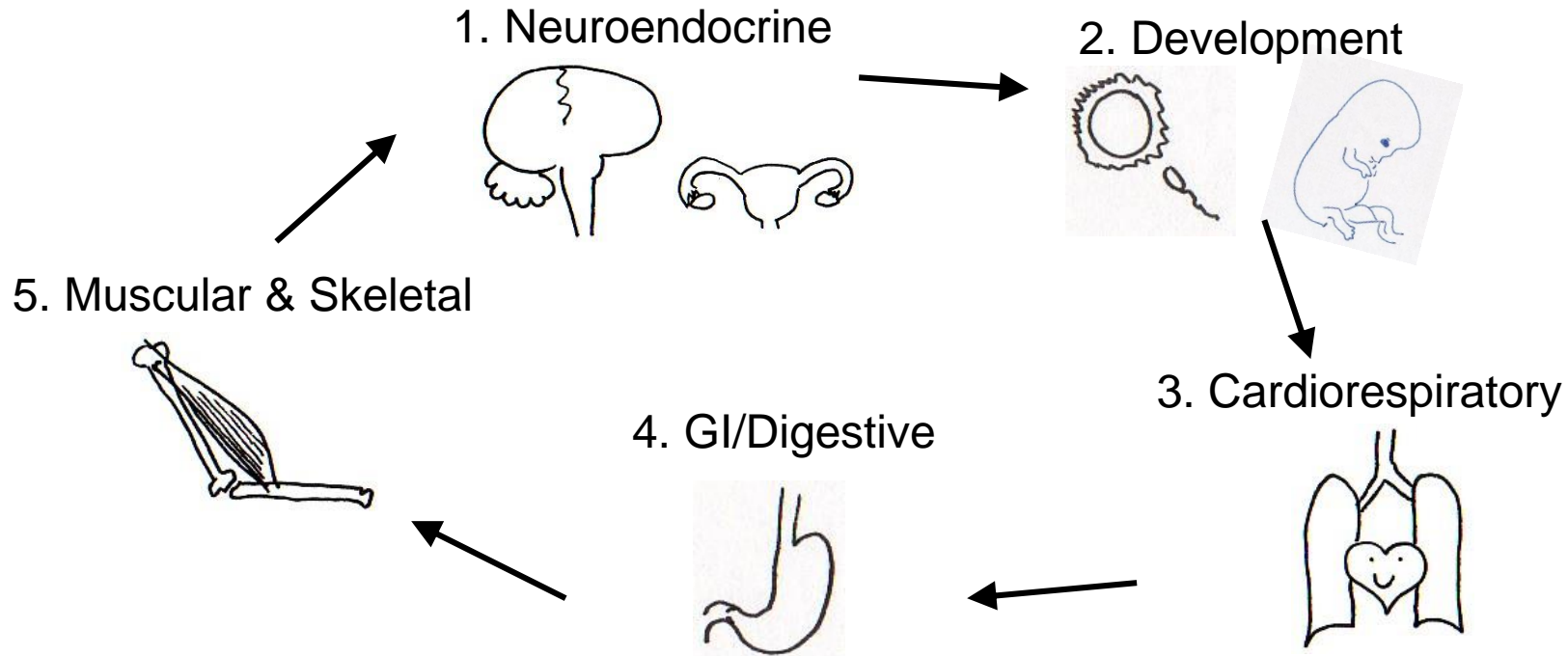
III. Directional terms

:11

IV. Action terms

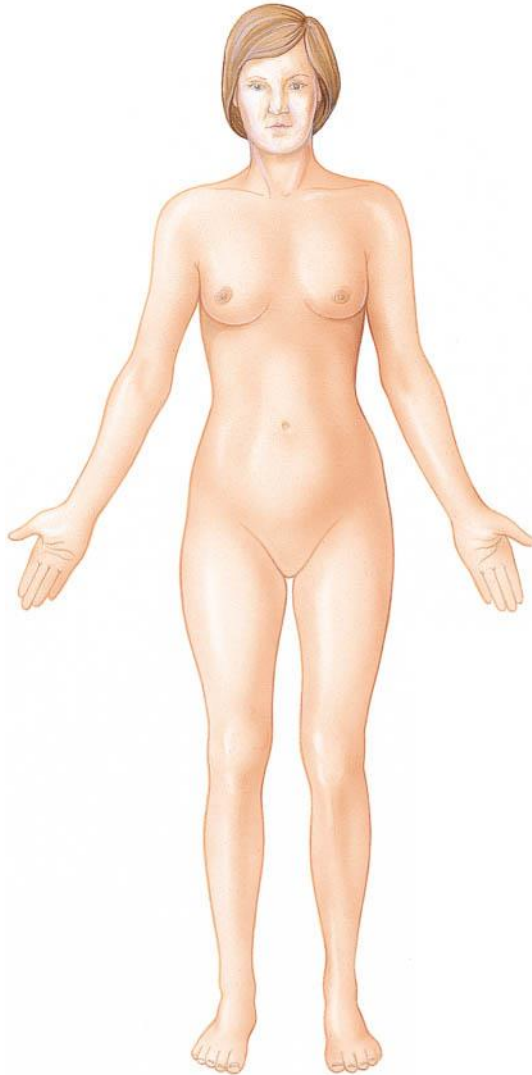
:15

V. Group rotations ~5-7 min/station



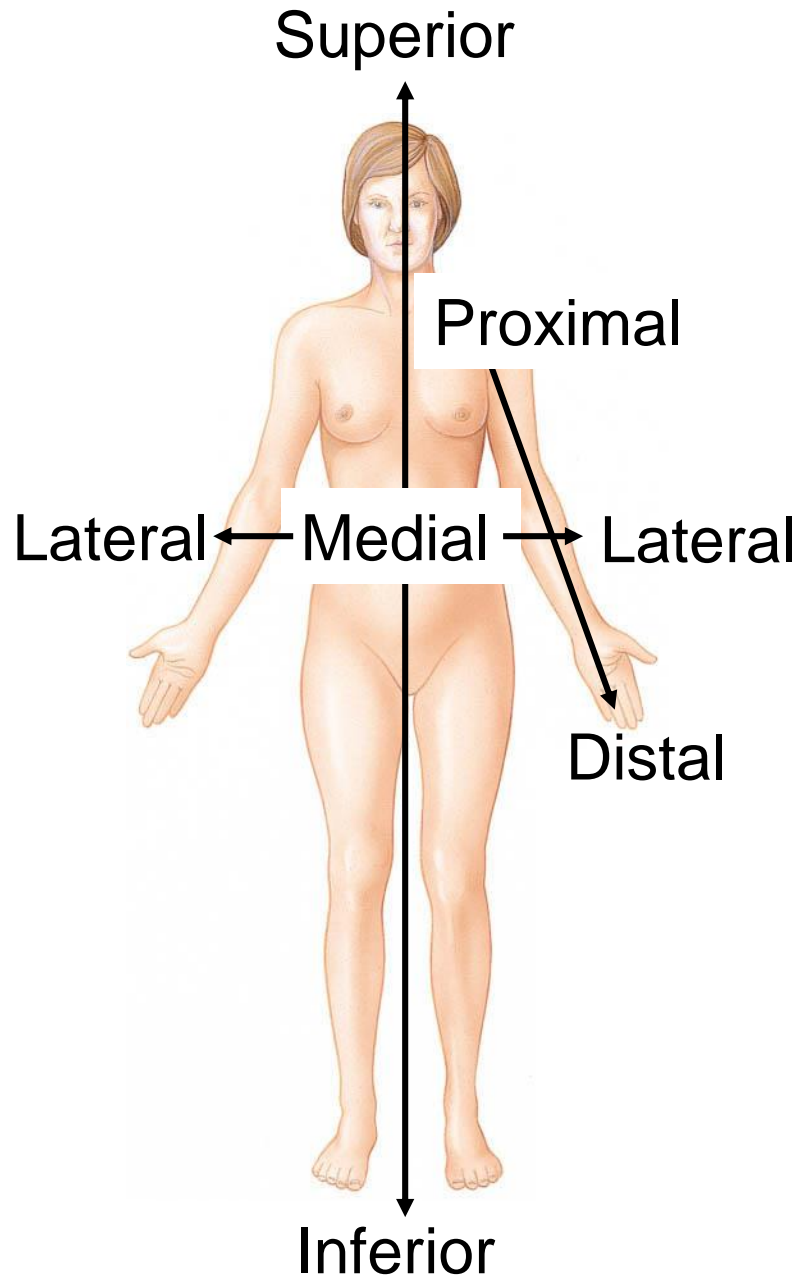
Anatomical Position: Reference for Anatomy

Anterior View

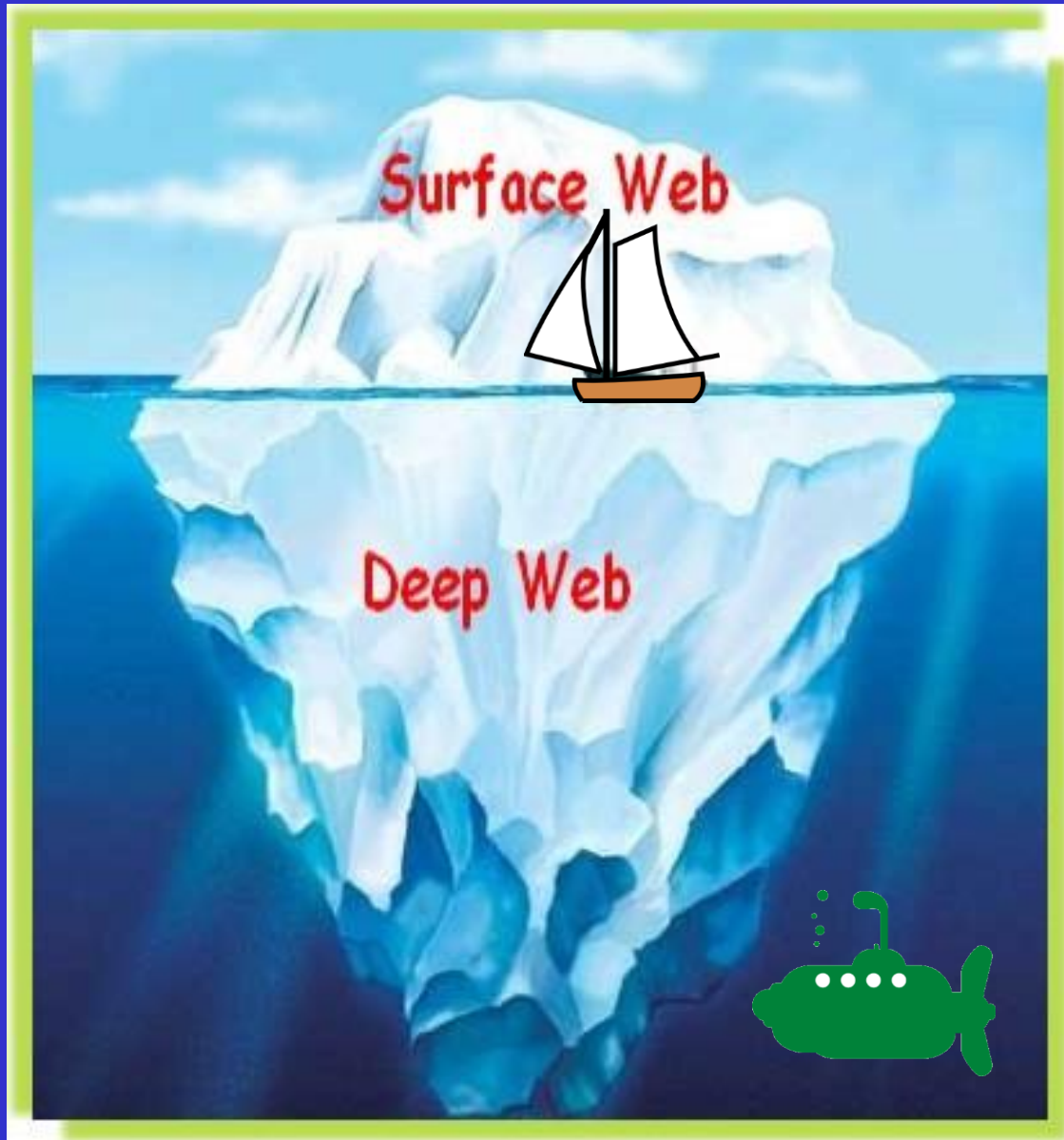


Posterior View

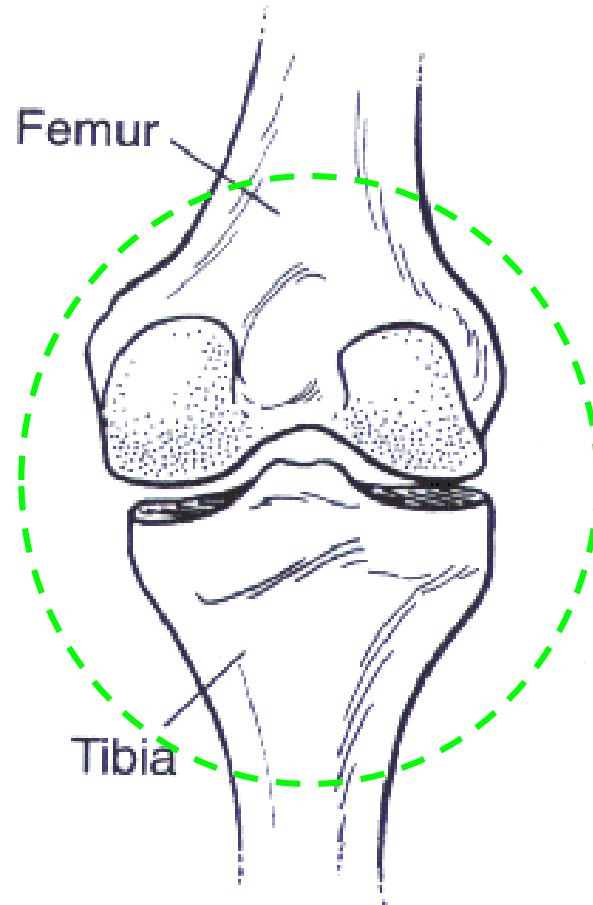




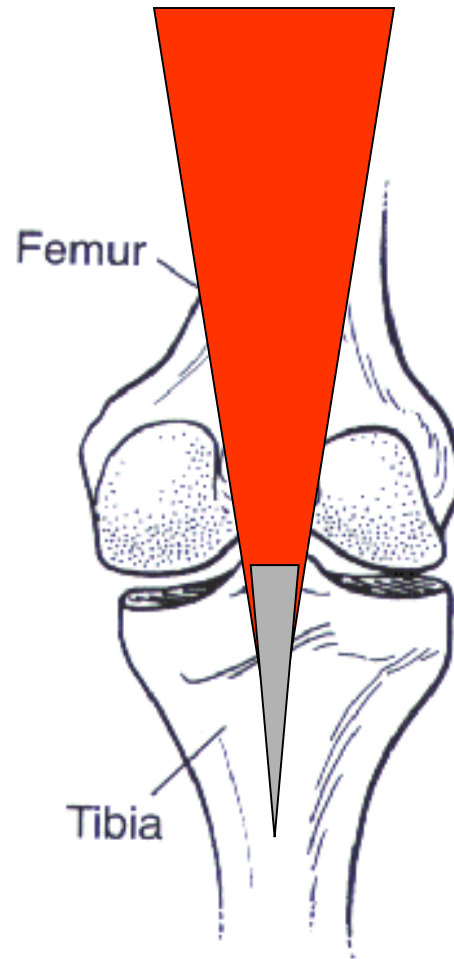
Superficial vs. Deep?



Joint. Simply a Place Where 2 Bones Meet!

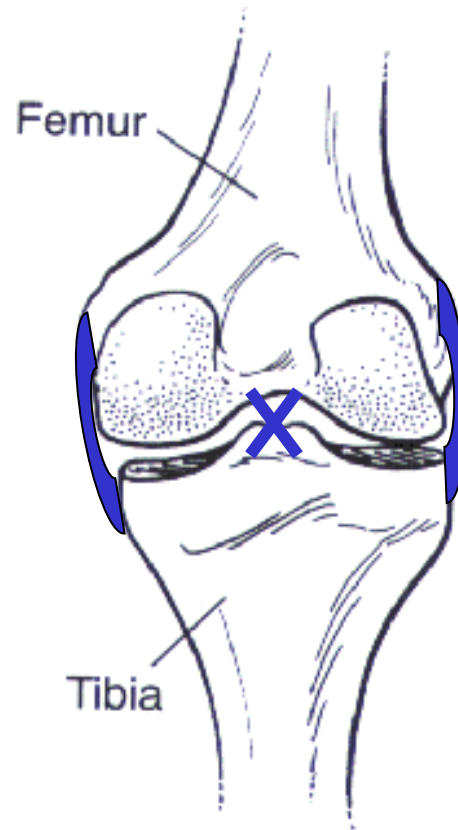


Muscles: Cross Joints by Way of Tendons

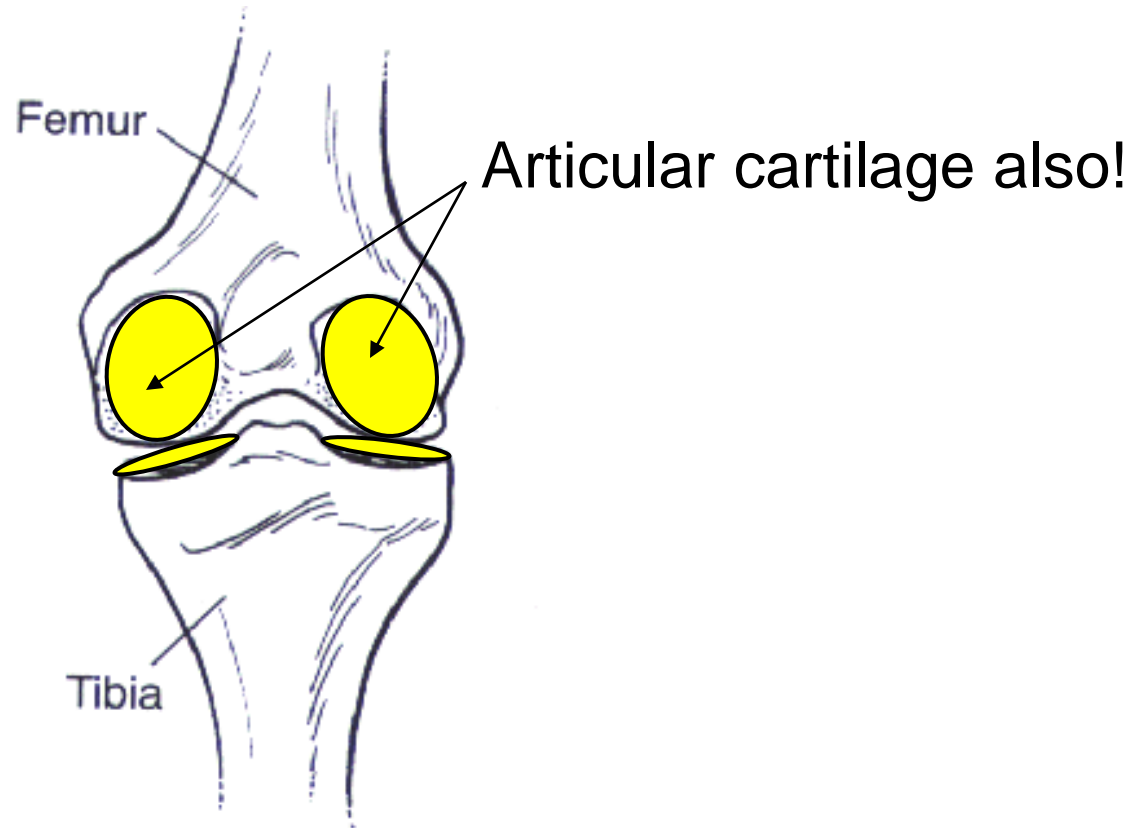


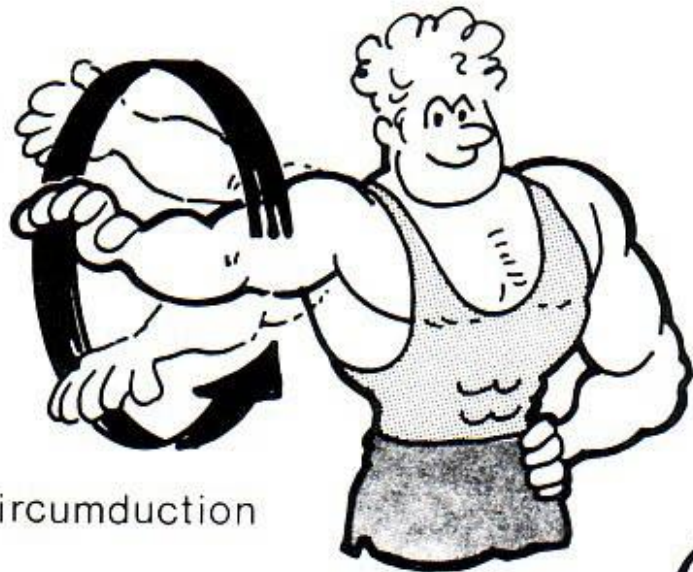
Tendons: Staple Muscles to Bones!

Ligaments: Connect Bone to Bone!

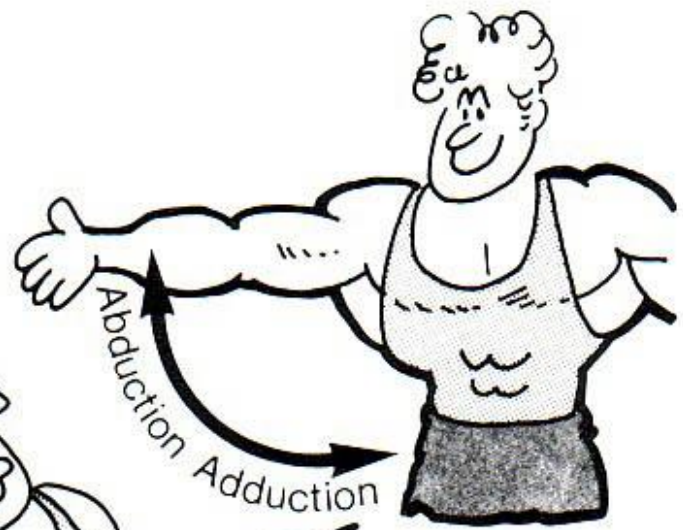


Cartilage: Cushion Between Bones!





Circumduction



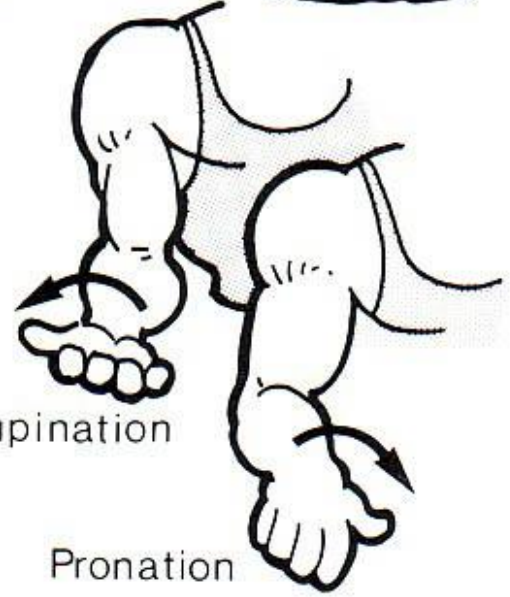
Abduction
Adduction



Rotation
(about long axis)



Flexion
Extension

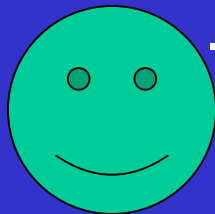


Supination

Pronation

Mystery Structure-Function Day

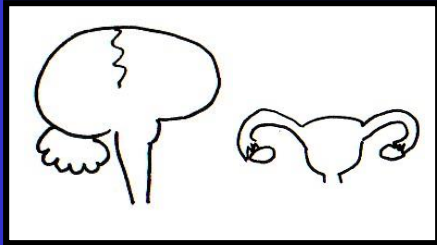
1. Your group should have 4-6 people at your 1st station.
2. Answer as many questions as possible with your group.
3. Collaborate, collaborate, collaborate!
4. Written references/resources are fine, but not instructors.
5. Please, no photography, images or copies of any kind.



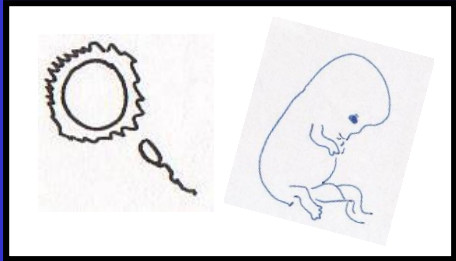
...Above all have fun!

Group Rotations

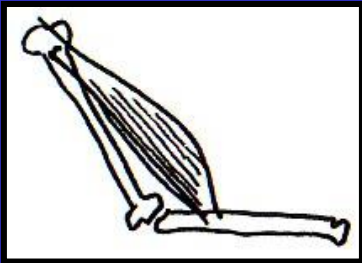
1. Neuroendocrine



2. Development



5. Muscular & Skeletal



4. GI/Digestive



3. Cardiorespiratory

