NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Veterinary Science Unit 1-Mrs. Weimer

**TASK: DRAW what comes to mind when you think of the word “dorsal”**

1. Coronal or Frontal Plane

* Plane that divides the body into anterior and posterior (front and back).
* DRAW them

2. Sagittal Plane

* Plane that runs down through the body, dividing the body into left and right.
* DRAW them

3. Transverse Plane

* Plane that divides the body into cranial and caudal (head and tail).
* DRAW THEM

4. Dorsal/Ventral:

* Dorsal -- toward the back Ventral -- toward the front/belly
* Separated by the frontal plane DRAW THEM (the lizard)

5. Cranial/Rostral/Caudal:

* Cranial -- toward the head
* Rostral -- toward the nose/beak
* Caudal -- toward the tail
* Separated by the transverse plane (Draw them)

6. Medial/Lateral:

* Medial – directed *toward* the midline (sagittal plane)
* Lateral -- directed *away* from the midline (sagittal plane) (DRAW THEM)

7. Superficial/Deep

* Superficial –- located near the surface
* Deep –- located internally, toward the center

8. Proximal/Distal:

* Proximal -- located *close to* the sagittal line of the body.
* Distal -- located *away from* the sagittal line of the body (Draw them)

Anatomical Actions (Part 2)

* **Extension/Flexion:**
  + Extension -- **increase** the angle formed by a hinge joint.
  + Flexion -- **decrease** the angle formed by a hinge joint.
* **Abduction/Adduction:**
  + Abduction -- move the limb **away** from the body.
  + Adduction -- move the limb **toward** the body.
* **Supination/Pronation:**
  + Supination -- rotate the limb **outward**, laterally.
  + Pronation -- rotate the limb **inward**, medially