Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directional Terminology

Gummy Bear Dissection

Materials:

* Gummy Bears
* Plastic Knife
* Napkin or Paper Plate

Directions:

* Divide each gummy bear using the plastic knife
* **LABEL** each view

1. Dorsal & Ventral surfaces
2. Anterior and Posterior Views
3. Cranial & Caudal portions
4. Place the gummy bear on its legs, like a four-legged animal stands. Cut one of the legs into proximal and distal portions.
5. Place gummy bear on its legs, like a four-legged animal stands. Cut along the transverse plane to divide into cranial and caudal parts.
6. Place gummy bear on its side, like a four-legged animal lying down. Cut along the frontal plane to divide into dorsal and ventral parts.
7. Place Gummi on its legs, like a four-legged animal stands, and place it in an anterior view facing you. Cut it along the **median plane** to break into equal, symmetrical right and left halves.
8. Place Gummi on its legs, like a four-legged animal stands, and place it in an anterior view facing you. Cut along any **sagittal plane** except the median plane to divide it into unequal right and left halves.
9. Repeat and label your favorite “dissection” with any remaining gummy bears!