

Student Activity 2:

Gummi Bear Dissection

Name _____

Purpose:

To practice using directional terminology.



Objectives:

The students will be able to apply directional terminology by dissecting a three-dimensional object.

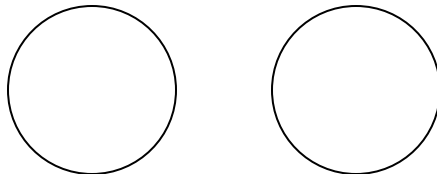
Materials:

10 Gummi bears per student
Plastic knives
Napkins
Tape

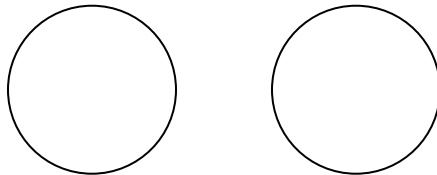
Procedure:

Divide each Gummi using the knife, tape it into the circle and label it:

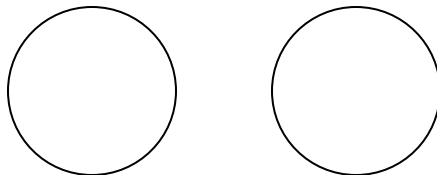
1. **Dorsal & ventral surfaces**



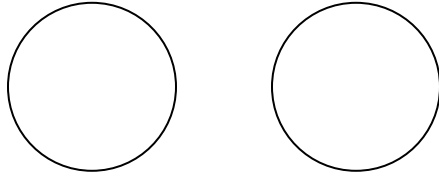
2. **Anterior and posterior views**



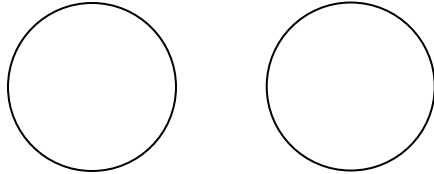
3. **Cranial & caudal portions**



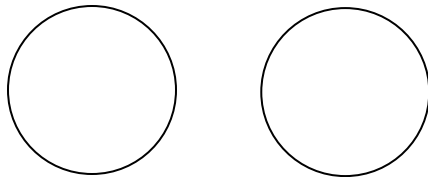
4. Place Gummi on its legs, like a four-legged animal stands.
Cut one of the legs into **proximal** and **distal** portions. Eat the leftovers!



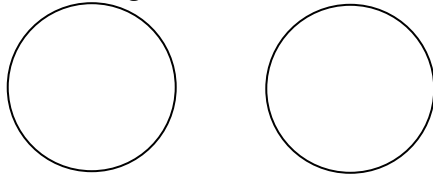
5. Place Gummi on its legs, like a four-legged animal stands.
Cut along the **transverse plane** to divide into cranial and caudal parts.



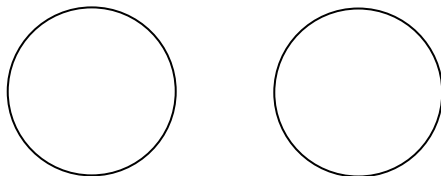
6. Place Gummi on its side, like a four-legged animal lying down.
Cut along the **frontal plane** to divide into dorsal and ventral parts.



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 Gummi bears!

