Corinne Ogle
Skull Activity
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**Introduction**

Now that we've learned about herbivores, omnivores, and carnivores, we're going to do a quick activity to review the features of their skulls.

Everyone please stand up and line up in the middle of the room. For each statement I make, if you believe it is true, please go to the right side of the room. If you believe it is false, please go to the left side of the room. After each statement, we will discuss the correct answer.

Statement #1: Carnivores have mostly flat teeth.
*False – Carnivores have very sharp teeth to help them kill and eat meat. These teeth are called canines.*

Statement #2: Herbivores use their incisors to strip vegetation off plants.
*True – The front teeth (incisors) on herbivores are used to pick their food off plants.*

Statement #3: The large the auditory bullae on an animal, the better hearing they have.
*True – The larger the auditory bullae, the more sensitive their sense of hearing is. Some predators and some prey need this, depending on how sensitive their other senses are. It helps predators find their prey and prey to avoid their predators.*

Statement #4: Monocular vision is looking straight ahead and seeing an object with both eyes.
*False – Monocular vision is when eyes are looking more to either side of the head and seeing an object with a single eye. This helps to scan the area of predators. Binocular vision is when both eyes are looking straight ahead and see and object together. This helps predators by increasing their depth perception.*

Statement #4: Herbivores have monocular vision.
*True – Herbivores use monocular vision to help them spot their prey.*

**Preview**

Now that we have reviewed the important features of skulls, let's see if we can identify which skull belongs to what kind of animal: herbivore or carnivore.

**Activity**

Go around to different skulls available and, using your detective skills and the knowledge you've gained, determine which skulls belong to what kind of animal: herbivore or carnivore. Fill out the worksheet to help you determine the skull type. At the end, we'll share the identity of each skull.

# Skull Observation Recording Sheet

Your name:_____

1. Which # skull do you have?_____

2. Do you think this animal is a predator or prey? Why?

_____

_____

3. Which type of teeth do they have? Fill out the chart below:

| Type of tooth | Yes or No | How many? |
|---|---|---|
| Canine | | |
| Incisor | | |
| Molar & Pre-molar | | |

4. Where are the eyes located on the skull? (please circle one)

In front or On the side

5. Based on the information you have observed, which type of animal do you think it is? (An Herbivore or Carnivore?)

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