Classifying Living Things
Lesson 2 Food Chain and Food Web
Numeracy Activity: Carnivore Herbivore Fractions Tag

Activity: Food Web and Fractions Tag *outdoor activity

Activity overview: Students will better understand the different roles carnivores and herbivores play within the food web through fractions.

Supplies:
Pinnies (two colors) or a way to differentiate between groups

Instructions:

1. Before the activity it is expected that students have learned about the food web, carnivores, and herbivores.
2. Tell students that they will be playing a FoodWeb Tag and divide the group into 1/2 carnivores and 1/2 herbivores. This game is best played outside.

3. Share the following rules of the game:

Rules:

   a. 3 rounds per game and each round lasts 1-2 minutes.
   b. Carnivores must tag at least 1 herbivore per round, once an herbivore is tagged they can follow the carnivore that tagged them or sit out for the round. They cannot be tagged again that round.
   c. Herbivore's goal is to survive each round without getting tagged.
   d. Once a round is over any carnivore that did not tag an herbivore is out for the following rounds.

4. Have students play three rounds and debrief the game, what did the students notice?
5. Play the game again and ask the students to divide themselves into 1/3 carnivores and 2/3 herbivores. Debrief and ask the students what they noticed?
6. One final game and play 1/3 herbivores and 2/3 carnivores.
7. At the very end of the games debrief one final time. See example questions:
   a. What was the easiest or hardest round and why?
   b. How did the game change when it was 1/3 carnivores and the round with 1/3 herbivores?
   c. How did this game show how living species are interconnected?