

Eastern Monarch Migration Food Webs

8-9s Study of Food Webs along the Eastern Monarch Migration Route



Monarch Migration Map



Learning Goals:

- Different habitats support different types of producers and consumers
- Habitats are connected
- The loss of a producer or consumer upsets the balance of the connected systems
- Collaboration Skills
- Translating observational drawings into a Canva doc for laser cutting

Research

- Students researched consumers and producers within a specific habitat.
- Groups chose a habitat within an assigned state.
- Practiced collaboration and communication skills.

Names: _____

Location: Catskills

Type of habitat: Mountain

Tertiary Consumer
Apex predator - has no natural predators
Wolves

Secondary Consumer
Most are carnivores and eat primary consumers
Fishers Big cats

Primary Consumer
Herbivores - they only eat producers
White tail deer Chipmunk Peepers Frogs Manatees

Producers: Organisms that can make their own food
Red and painted Robin Hawk weed Trout lilies Red Vipers Star flower Milkweed White Violets Butterfly

Instructions: Choose which producers and consumers to add to your mobile from your list. Write one plant or animal in each box.

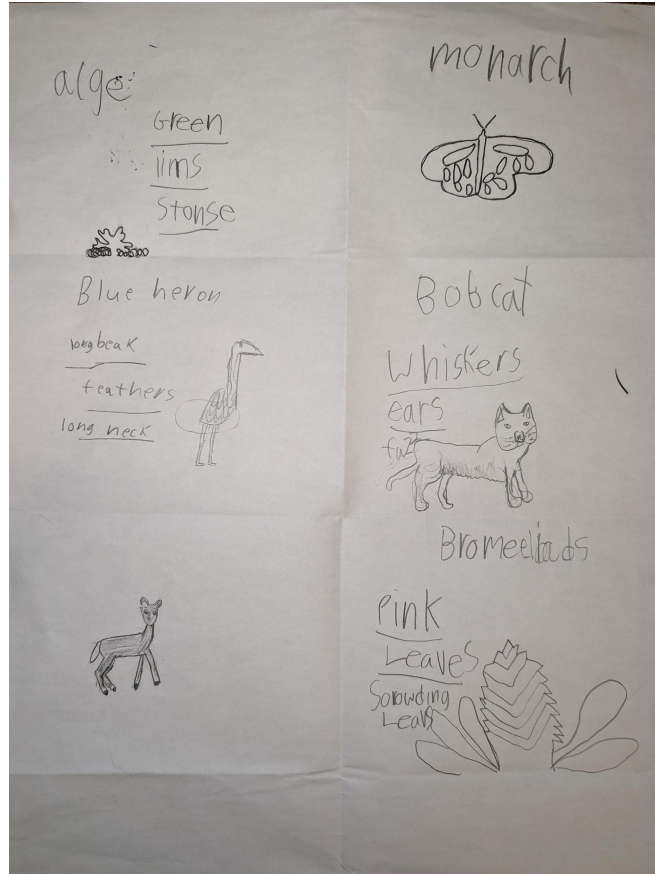
Read the definitions of each level and make sure that your choice fits the description.

name: _____
party: _____

Illustrating Consumers and Producers for Mobiles

Students divided the producers and consumers within their food web and illustrated their choices.

Here we learned about setting up successful drawings for a laser cutter.



Canva Files for Laser Cutter

This is ready to cut!
Nice work!



- Assemble mobiles using wire.
- Install in the classroom.
- Explore the implications of removing or adding weight to the mobile to create imbalance



Final Steps

