

Audubon Center & Sanctuary

1600 Riverside Road, Jamestown NY 14701

Phone: (716) 569-2345

Email: info@jamestownaudubon.org

Web: www.jamestownaudubon.org



An Audubon naturalist
visited our class.

We learned about food chains!

Draw the food chain we acted out today.

Producer
Corn →

Herbivore
Grasshopper →

Carnivore
Shrew →

Carnivore
Hawk

1) The name of the pesticide we talked about today was _____. This pesticide was banned in the 1970s because it was harmful to many animals.

2) How did this pesticide get into the bodies of hawks, eagles, pelicans, and ospreys?

3) In our game, the Grasshopper was a pest to the farmer. Over the years, we have learned to control pests by understanding food chains. How could a farmer use his understanding of a food chain to get rid of grasshoppers?

4) Name one other way to control insect pests without using pesticides.

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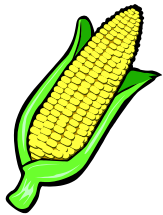


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Draw the food chain we acted out today.

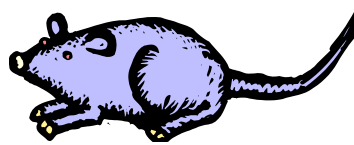
ANSWER KEY



Producer
Corn →



Herbivore
Grasshopper →



Carnivore
Shrew →



Carnivore
Hawk

- 5) The name of the pesticide we talked about today was DDT. This pesticide was banned in the 1970s because it was harmful to many animals. (It stands for dichloro-diphenyl-trichloro-ethane.)
- 6) How did this pesticide get into the bodies of hawks, eagles, pelicans, and ospreys?

These high level predators got DDT into their bodies by eating animals that had DDT in their bodies. DDT traveled up the food chain.

- 7) In our game, the Grasshopper was a pest to the farmer. Over the years, we have learned to control pests by understanding food chains. How could a farmer use his understanding of a food chain to get rid of grasshoppers?

A farmer could introduce something that will eat grasshoppers, such as praying mantises.

- 8) Name one other way to control insect pests without using pesticides.

Some crops can be grown in a green house. There are ways to interrupt the life cycles of some pests.