Name _____

intervention- Food Chains Webquest

#1- Food Chains http://www.sheppardsoftware.com/content/animals/kidscorner/foodchain/foodchain.htm

- What do all living things need?   Why?

- Where do animals get it?   Plants?

Click to learn about bigger food chains!
- What do the links (arrows) in a food chain represent?

- Explain how the last food chain represents a full circle of life.

Click on the tabs on the left and fill in the *blanks (herbivore, omnivore, carnivore, decomposer, etc)*

- A person is called a _____ because they eat meat & vegetables.
- _____ are animals that only eat meat.
- _____ are animals that only eat plants.
- _____ break down dead matter.

Click on "Food Chain Game" in upper left hand corner. Draw a diagram with pictures of each of the food chains below.

a.

b.

c.

d.

e.

#2- Food Webs   http://www.harcourtschool.com/activity/food/food_menu.html

Click on the "meadow" food web

Name the producer in the food web _____   Name a consumer in the food web _____

Click on the "arctic" food web

Name the producer in the food web _____   Name a consumer in the food web _____

Click on the "pond" food web

Name the producer in the food web _____   Name a consumer in the food web _____

#3- Energy in an Ecosystem http://www.harcourtschool.com/activity/science_up_close/314/deploy/interface.html

Turn on the volume. Watch the interactive and answer the following questions:

1. What is in the bottom layer of the pyramid?
2. What is in the middle layer of the pyramid?
3. What is in the top layer of a pyramid?
4. Define Producers:
5. Define Herbivores:
6. Define Carnivores:

Fill in the chart below for each ecosystem (click on the pictures below the pyramid)

Ecosystem	Producers	Herbivores	Carnivores
Forest			
Prairie			
Ocean			

#4- 10% rule and Energy Pyramids http://www.shmoop.com/ecology/ecosystem-energy-flow.html

- Nearly all of the _____ that drives ecosystems ultimately comes from _____. _____, which is an _____ factor, by the way, enters the ecosystem through the process of _____.

- Why are plants called producers?

- What are other producers besides plants?

- How much energy do consumers obtain when they eat? What happened to the rest?

#5 Switch Zoo- https://switchzoo.com/games/pleasedofeedtheanimals.htm

Play the game then list the animals that fit in each category in the table below:

Herbivore	Omnivore	Carnivore