

Name _____

Web of Life Activity

Construct a food web using the words below.

Lynx	Starfish	Orca	Walrus	Rockfish
Clam	Dall Sheep	Grass	Plankton	Ringed Seal
Herring	Puffin	Red Fox	Osprey	Arctic Cod
Sea Otter	Polar Bear	Snowshoe Hare		Red Backed Vole

Alaskan Habitat

SUN

Answer the questions below using your food web.

1. Identify the food chains within the food web. How many are there?
2. What is the source of energy for the food web and food chains?
3. How is the energy obtained by each organism?
4. If the sea lion population increased significantly, how would that effect the other populations within the food web?
5. If the population of the plankton were to drop by 50%, how might the other populations be effected?
6. What **could** cause each specie to become endangered?
Puffin Orca Osprey Red Fox

Web of Life Project Sheet

Directions:

1. Select a habitat.
2. Research using at least 2 different resources.
3. Construct the food web on poster board following these directions:
 ___ Label habitat at the top of the poster.
 ___ Include a picture of each organism by its name on the food web.

Name _____

- ___ Glue typed bibliography of at least 2 different resources on bottom right corner of poster front.
 - ___ Write your name on bottom left corner of poster front.
 - 4. Type the answers to the questions below using your own paper.
 - ___ Attach the answers to the top right corner of poster front.
 - ___ Attach the questions to the top left corner of poster front.
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Project Questions

1. How many food chains are represented in your food web? List three.
2. Select 3 different organisms from your food web. Name each and give one reason as to what has or could cause that specie to become endangered?
3. Write the name of a consumer from your food web. Answer the following questions pertaining to the consumer you have selected.
 - a.) How would the other populations be effected if the population of your consumer were to decline drastically?
 - b.) How might the other populations be effected if the population of the consumer were to increase by 50%?
6. What is the source of energy for your food web and its food chains?
7. How do the producers obtain the energy?
8. How do the consumers obtain the energy?

