

Unit 4: Wetlands Ecosystems

Name: _____

Date: _____

Assignment 4-2 Food Web Diagram

How does a plant, insect, or animal affect other organisms in a wetland?

Instructions

1. Construct a food web diagram. Show the paths by which energy passes from one organism to another.

Your “Wetland Food Web” (network of inter-related food chains) needs to include:

- Pictures and names of 10 organisms – at least one from each of the following groups: producers, consumers, and decomposers that live in the wetland (5 marks)
- Labels that indicate the role of each organism (producer, consumer, or decomposer) (5 marks)
- Explanations of the roles of producer, consumer, and decomposer (3 marks)
- An identification of the sun as the source of energy. Show the flow of energy with arrows.
- Arrows should show clearly the relationships among the organisms. (2 marks)

Use the Organism Screens from the Wetland Digital Field Trip to get more information about the organism you have chosen to study. As well, some of the websites you have already visited in this section will be useful.

You may hand draw your web, take a photo of it and submit with this assignment page, you may complete your food web below, or you may use a program from the Internet to complete your web.

Food Web



When you are done, submit your web to the submission folder.

Overall Total: (/15 marks)



Save Your File

Name your file in this format: 4-2_(jsmith)sc5-web and save your file to your Wetlands Ecosystems folder. Submit to the appropriate Submission folder when completed.