

This Old Habitat Activities

Part III – Understanding Interdependence Homework

Distribute and assign *Activity Sheet #3* to each student. Review the instructions so that students understand the assignment. Make sure that the students understand that they are to make up organisms for these examples. There is a grading system on the activity page, please edit or replace so that is best suits your needs.

Activity Page #3

Homework

Interdependence Challenge

Instructions

On a separate piece of paper give three examples of how organisms are interdependent. List one example each of consumer/producer, predator/prey, and commensalism. You get the most points for giving examples of real organisms (examples that are in the video do not count). For each example, name the organisms and why the relationship is an example of consumer/producer, predator/prey, and commensalism. For each example you list, describe how each organism (and the population of that organism) would be affected if one of the organisms were removed.

Grading System

Student accurately describes:

- a consumer/producer relationship between two organisms. *10 points*
- why the relationship is an example of consumer/producer *10 points*
- how each organism (and the population of that organism) would be affected if one of the organisms were removed *10 points*

Student accurately describes

- a predator/prey relationship between two organisms. *10 points*
- why the relationship is an example of predator/prey *10 points*
- how each organism (and the population of that organism) would be affected if one of the organisms were removed *10 points*

Student accurately describes

- a relationship of commensalism between two organisms . *10 points*
- why the relationship is an example of commensalism *10 points*
- how each organism (and the population of that organism) would be affected if one of the organisms were removed *10 points*

Optional: 10 points for giving an example of mutualism, parasitism, or a decomposer.

