

Food Chains and Food Web Introduction

Step #1: Information

***YOU MUST BE ABLE TO SHOW ME YOUR NOTES BEFORE YOU PLAY THE GAMES!**

1. You will be responsible for knowing the following terminology by the end of this activity:

- food chain
- food web
- producer
- consumer
- decomposer
- scavenger (also called detritivores)
- herbivore
- omnivore
- carnivore
- The first 5 trophic levels
 - primary producer
 - primary consumer
 - secondary consumer
 - tertiary consumer
 - quaternary consumer
- What does the arrow in a food chain or food web stand for?
- What role does the sun play in almost every food web or food chain on earth? EXPLAIN

2. Use the following websites to gather information about the terms above:

<http://www.sheppardsoftware.com/content/animals/kidscorner/foodchain/foodchain2.htm>

<http://www.chiddingstone.kent.sch.uk/homework/foodchains.htm>

<http://www.enchantedlearning.com/subjects/foodchain/>

3. Use the information you have gathered and create a graphic organizer to help you organize your thoughts.

- This should be done in a WORD document and SAVED on your U: drive
 - If you would like to print, please ask permission.
- These will be your notes for this material.
- **EVERYTHING IN YOUR NOTES MUST BE PARAPHRASED → DONE IN YOUR OWN WORDS → NO COPYING AND PASTING!**
- Visit the following site for ideas for graphic organizers: <http://www.eduplace.com/graphicorganizer/>

Step #2: Practice using this website and view the explanations

http://www.ecokids.ca/pub/eco_info/topics/frogs/chain_reaction/play_chainreaction.cfm

Step #3: Play some games to reinforce your new knowledge!

<http://www.sheppardsoftware.com/content/animals/kidscorner/games/foodchaingame.htm>

http://www.coolclassroom.org/cool_windows/home.html

http://www.gould.edu.au/foodwebs/kids_web.htm

http://www.nature.ca/ukaliq/030act/017_fwb_e.cfm

http://www.harcourtschool.com/activity/food/food_menu.html

Step #4: Extend your knowledge

Create a food web <http://www.vtaide.com/png/foodchains.htm>

http://teacher.scholastic.com/activities/explorer/ecosystems/be_an_explorer/map/line_experiment14.swf

Step #5: Explore other resources!

Has lots of information and games about food chains and food webs

<http://www.dublinschools.net/foodwebschains.aspx>

Step #6: Take the quiz!

Log in to your Quia account and take the “Food Webs and Food Chains” quiz.

1. You only get to take this quiz ONCE.
2. You MAY use your notes.
3. This MUST be finished by the end of class TODAY!

Step #7: If you finish early...

Go back and continue to play some of the games that are listed above in Steps #3-5!