

Food Webs and Energy Pyramids

WebQuest Description:

Grade Level:

Curriculum:

Keywords:

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Introduction

Tasks

By the end of this webquest you should be able to describe how a change in one factor in an ecosystem can affect others. You will also be able to analyze the feeding relationships in food webs. Last but not least you will relate energy pyramids to food chains and trophic levels. Your final product will be a brochure explaining food webs and energy pyramids and why it is important not to mess with ecosystems. You will use the links in this webquest to help you gather information to make your brochure.

Process

First read this page <http://www.eduweb.com/portfolio/earthsystems/food/foodweb1.html> But wait...how are food chains formed? <http://www.eduweb.com/portfolio/earthsystems/food/foodweb2.html> Take notes on energy pyramids and trophic levels Next watch this video. <https://www.youtube.com/watch?v=MGODmyXkkPUT> Take notes on what a food web is. How are food chains connected? <http://www.eduweb.com/portfolio/earthsystems/food/foodweb3.html> Now go to this website and manipulate the food web to see what happens. <http://www.eduweb.com/portfolio/earthsystems/food/foodweb4.html>

Evaluation

Category and Score					Score
				Total Score	

Conclusion

Teacher Page

Standards

Credits

Other

