

Food Chain Project - Due May 2

Students will be creating a food chain model as a project for science class. A basic example is located in the *DiscoveryWorks: Roles of Living Things* textbook on page E22-23. I have modified the requirements from the text. Information on food chains is located on pg. E26-27 and producers and consumers are on pg. E16-17. The scoring rubric is on the back.

Each model needs the following:

Card 1 - Ecosystem: Include the student's name and list the ecosystem (woodland, prairie, ocean, stream, desert, fresh or saltwater lake, etc.)

Card 2 - Producer: Include a color picture of the producer, list the name of the producer, and state "Producer". Please note: all producers we've studied are PLANTS.

Card 3 - Consumer 1: Include a color picture of the first consumer who eats the producer in card 2, list the name of the consumer, and state "Consumer 1".

Card 4 - Consumer 2: Include a color picture of the second consumer who eats the consumer in card 3, list the name of the consumer, and state "Consumer 2"

Card 5 - Consumer 3: Include a color picture of the third consumer who eats the consumer in card 4, list the name of the consumer, and state "Consumer 3"

Optional Extra Credit (1 point possible)

Card 6+ - Additional consumers and/or a decomposer: Include colored pictures with names and labels for additional consumers and/or a decomposer that would be a part of this food chain.

Additional information

Pictures - Students may draw and color, cut and paste from magazines, or print out pictures from the internet.

Ecosystem Chain - All of the organisms in the chain must all be found in the ecosystem shown on Card 1. Each organism must consume/eat the organism in the card before it.

Creating the chain - Students may use string, twine, ribbon, or any other string-like material to join their cards together. A hanger is often used on the top, but a loop in the string is okay, too.

Video Link about Food Chains:

<https://www.youtube.com/watch?v=MUKs9o1s8h8&list=PLhz12vamHOnZv8kM6Xo6AbluwIIVpulio&index=3>

Name: _____

		Possible Points	Points Earned
Name		1	
Ecosystem		1	
Includes at least 1 producer and 3 consumers		1	
Producer Card	Labeled Producer	1	
	Labeled with name of organism	1	
	It is a plant	1	
Consumer 1 Card	Labeled Consumer	1	
	Labeled with name of organism	1	
	It is a consumer of the level before it and is in that ecosystem	1	
Consumer 2 Card	Labeled Consumer	1	
	Labeled with name of organism	1	
	It is a consumer of the level before it and is in that ecosystem	1	
Consumer 3 Card	Labeled Consumer	1	
	Labeled with name of organism	1	
	It is a consumer of the level before it and is in that ecosystem	1	
Color	All cards have color	2	
Neatness	All cards are neat	2	
On Time	(minus 1 pt per day it is late)	1	
Extra Cards		+1	
Total Score		20	