ACTIVITY

Name:

Date: May 7, 2015

#____

LIST EXAMPLES

Looking at the picture, list at least one example that fits each of the four terms below.

A. COMMUNITY ....

B. ECOSYSTEM ....

C. HABITAT ....

D. POPULATION ....

MATCH THE LETTER

Choose the letter for the vocabulary word above that best fits each description below.

.... A herd of bison	.... A freshwater stream where mussels grow
.... Frogs, insects, and birds living near a pond	.... Fish, eels, and lobsters living in a coral reef
.... The plants, animals, water, and soil of a forest	.... The ocean
.... The kelp forest where sea otters live	.... A dying tree with holes that animals live in
.... All the hummingbirds that live in your state	.... Wetland plants, animals, and marshes

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ADVANCED ACTIVITY

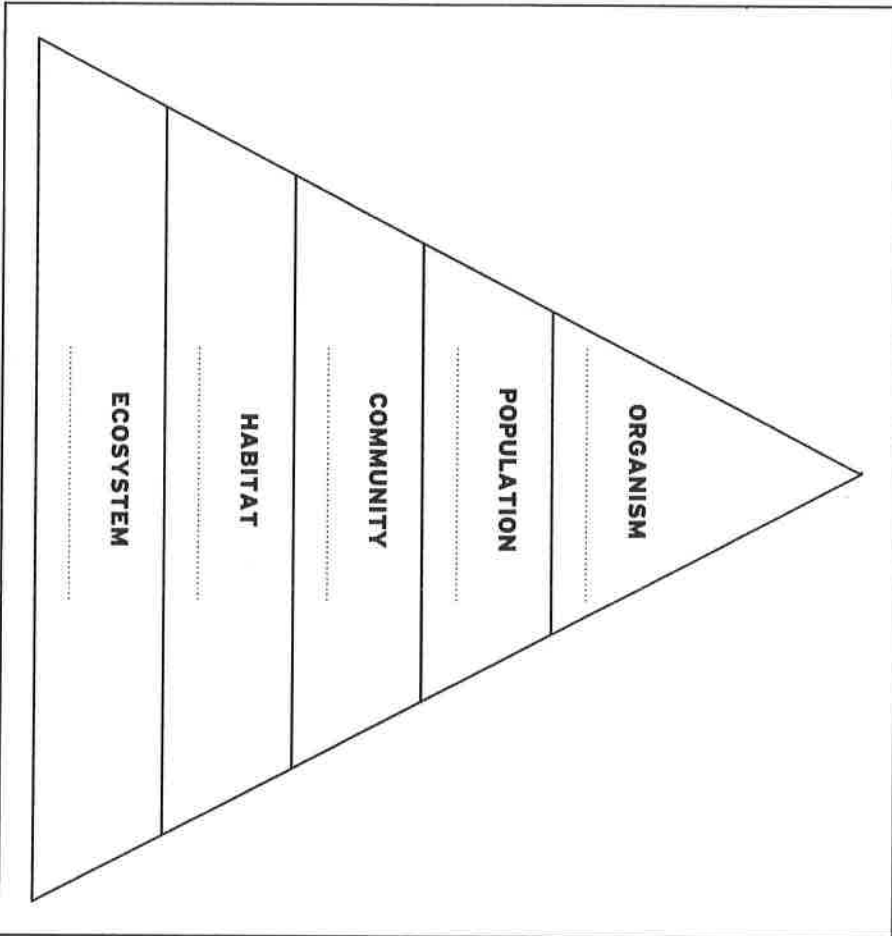Name:

Date: May 7, 2015

FURTHER RESEARCH

Using Tim and Moby's exploration of the desert as your model, break down the main characteristics of some other important ecosystems.

	TROPICAL RAINFOREST	ARCTIC TUNDRA
RAINFALL	....	....
SUNLIGHT/ TEMPERATURE	....	....
COMMUNITY	....	....
EXAMPLE OF A POPULATION	....	....
ITS HABITAT	....	....

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PYRAMID CHART

Write an example of each part of an ecosystem inside the correct level on the pyramid.

ORGANISM

POPULATION

COMMUNITY

HABITAT

ECOSYSTEM

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DEFINE   Can you explain the terms below in your own words?

ECOSYSTEM:

INTERACT:

DESERT:

INTENSE:

DELICATE:

COMMUNITY:

ADAPT:

PREY (VERB):

POPULATION:

HABITAT:

Choose an additional term from the movie to define.

Name:

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CATEGORIZE THE ORGANISMS

There are three major elements that make up a food web: producers, consumers, and decomposers.
Categorize the following organisms as either producers (P), consumers (C), or decomposers (D).

...... FUNGI		...... OAK TREES	
...... BEAR		...... DOG	
...... PALM TREE		...... BACTERIA	
...... GRASSHOPPER		...... BAMBOO	
...... FERNS		...... PRAYING MANTIS	

COMPLETE THE CHAIN

Make a food chain using the following organisms: grasshopper, snake, grass, frog, and hawk.
Use arrows to show the flow of energy from one organism to the next.

_____ ▼ _____ ▼ _____ ▼ _____ ▼ _____

In the above food chain, what might happen if all of the frogs suddenly died off?

_____

_____

_____

_____

_____

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TREE CHART

What's in your food web? Fill in each box with a drawing of an organism from your own environment.

SECONDARY CONSUMERS	PRIMARY CONSUMERS	PRODUCERS
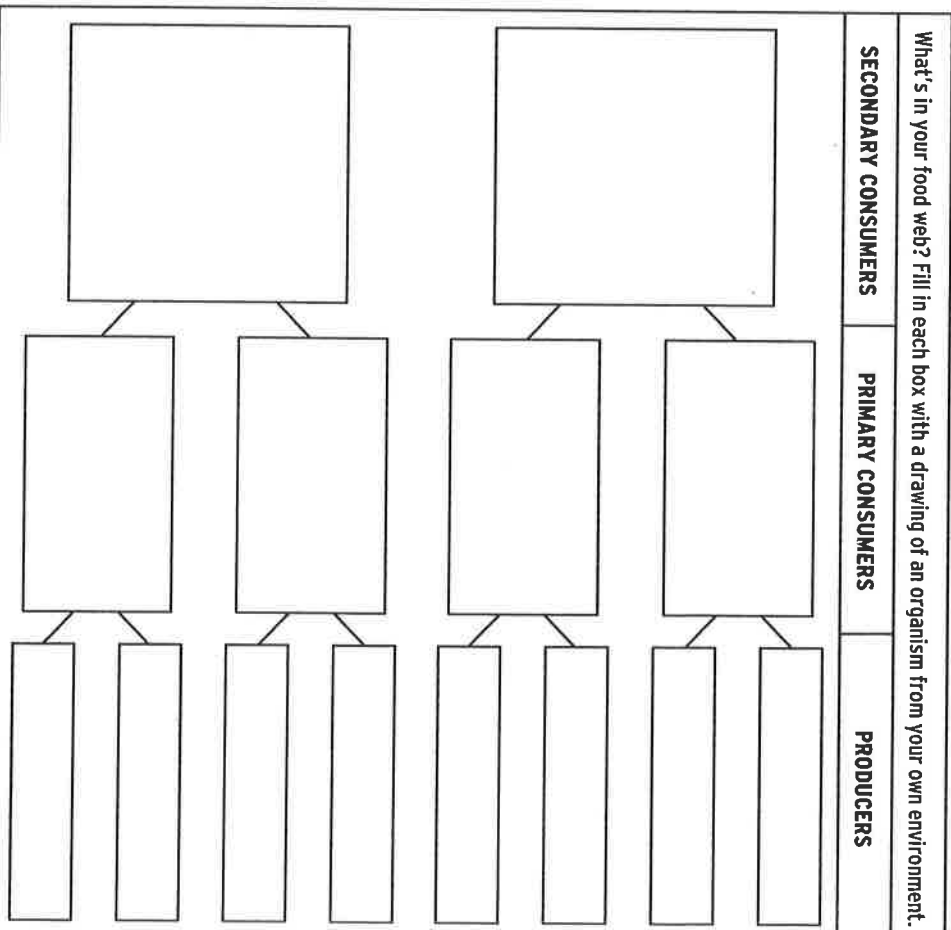
VOCABULARY ACTIVITY

SCIENCE > ECOLOGY AND BEHAVIOR > FOOD CHAINS

Name:

Date: May 7, 2015

DEFINE Can you explain the terms below in your own words?

ECOSYSTEM:

NOURISHMENT:

POPULATION:

DWINDLE:

DISRUPTION:

PARASITE:

SCAVENGER:

CARCASS:

DECOMPOSE:

EXTINCT:

Choose an additional term from the movie to define.

ACTIVITY

SCIENCE > ENERGY > ENERGY PYRAMID

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COMPLETE THE DIAGRAM

Think about the ecosystem in your neighborhood, or in a nearby location. Fill in each level of the pyramid with at least two organisms from your local food web.

TOP PREDATOR

SECONDARY CONSUMERS

PRIMARY CONSUMERS

PRODUCERS

LOCATION:
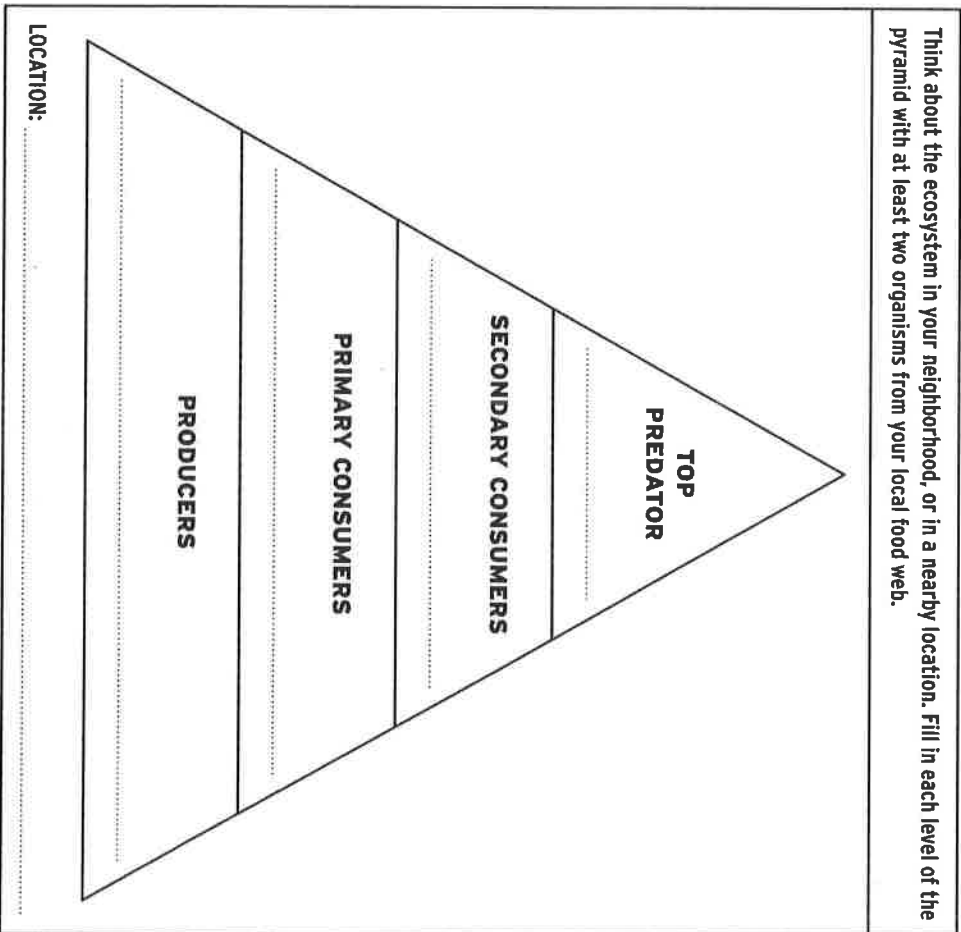
Name: ....
Date: May 7, 2015

MATRIX Fill in the matrix with general information about the energy pyramid.

	PRODUCERS	CONSUMERS	DECOMPOSERS
Source(s) of Energy			
Types of Organisms (Examples)			
How Energy is Obtained			

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DEFINE Can you explain the terms below in your own words?

LITERAL:

ECOSYSTEM:

ORGANISM:

MARINE:

DECOMPOSE:

NUTRIENTS:

REPRODUCE:

PREDATOR:

YIELD (VERB):

MASS:

Choose an additional term from the movie to define.