

Name:

TA:

Date:

Food Chains

1. What is the difference between carnivores, herbivores, and omnivores?
2. Make a food chain using the following aquatic life. You may need to research what they are and what they eat/what eats them.

Marine Worms	Tuna	Krill	Herring	Great White Shark
Killer Whale	Seal	Phytoplankton	Cod	Zooplankton
Algae	Human	Coral	Sea snail	Marine Fungi

Quaternary Consumers	
Tertiary Consumers	
Secondary Consumers	
Primary Consumers	
Primary Producers	
Decomposers	

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3. A) What is a keystone species?

B) Uh oh! Humans just overhunted cod to extinction! Predict how the ecosystem may change.

C) If all producers were to disappear from this food chain, describe and explain what would happen.

D) In a food chain, what is the most vulnerable level of creatures that is at risk if changes in the food chain occur? Explain why.

4. Choose and explain 2 of the following ways that affect the relationships between species in a food chain.

Population changes | Evolution | Invasive species | geological changes