Name Date Class Partners:

 **Save the Trees Webquest**
 Adapted from: <http://questgarden.com/23/48/7/060424135209/process.htm>

**Goals**: 1) Describe the role plants play in the ecosystem
 2) Explain why humans needs plants to survive

**Introduction**: There’s an energy crisis! The United States is running out of oil for fuel so the President has declared that everyone should burn trees.

1) Pro Perspective: Who would support this decision? Why? (2 points)

2) Con Perspective: Who would oppose (be against) this decision? Why? (2 points)

**Your role**: You are part of an Environmental Protection group whose goal is to find enough evidence to persuade (convince) the President to stop burning trees.

Visit these websites below to gather the evidence you need.

Evidence #1: Plants’ role in the Food Chain
Website: <http://www.ftexploring.com/me/me2.html>

1) Copy and paste the picture of the food chain in the box below (1 point)
2) What are green plants examples of? What do they do? (2 points)

Paste the picture inside of this box. It can not go on the next page.

Review of Photosynthesis:

Go to <http://www.ftexploring.com/me/photosyn1.html> and answer the questions below. Look at the “What do plants do with sunlight” picture

1) What does photosynthesis? (1 point)

2) Where does it happen? Be specific. (1 point)

3)What 3 things do plants need to do photosynthesis? Where do these things come from? (6 points)
 Ingredient 1: Comes from the:
 Ingredient 2: Comes from the:
 Ingredient 3: Comes from the:

4) What 2 things are made by photosynthesis? Where do they go? (4 points)
 Product 1: Goes to:
 Product 2: Goes to:

5) What is the chemical equation? (3 points) You can also go here: <http://photosynthesisforkids.com/>

Evidence #2: Uses of Plants
1)Go to the website below and record 50 things we use plants for. (5 points)
 <http://www.eduplace.com/activity/pdf/plantproducts.pdf>

Evidence #3: Global Warming

Go to this site: <http://photosynthesisforkids.com/>

1) What is Global Warming? (1 point)

2) What causes Global Warming? (List 3 or more) (3 points)

3) Where does Global Warming happen? (1 point)

4) How can plants affect Global Warming? (2 points)