

Name: _____

Agriculture & Aquaculture

Objective: Critique conventional and sustainable agriculture and aquaculture practices in terms of environmental impact.

Station 1

-Read page 220-221 (World's Food Supply)

1. What is aquaculture?	
2. What occurred during the green revolution?	
3. How does the growing of cash crops help individual farmers?	
4. Do you think aquaculture is damaging to the environment? Why or why not?	
5. Explain how the green revolution caused hardship for some farmers	

Station 2

-Read pages 236-237 (Aquaculture: Case Study)

1. What are the advantages of aquaculture compared with traditional fishing?	
2. Is aquaculture suitable for every part of the world? Why or why not?	
3. What are some environmental problems caused by aquaculture?	

Station 3**-Read page 223-224 (Modern Farming Techniques)**

1. What is monoculture farming and why can it be a problem?

2. Why have many American farmers gone out of business since the 1980s?

3. Many of the lesser know plants of the world are in danger of extinction. How might this affect the food supplies of the future?

Station 4**-Read pages 225-226 (Sustainable Agriculture)**

1. Define sustainable agriculture.

2. Explain the role of tilling in soil erosion.

3. Describe how crop rotation benefits a field.

4. What might be a disadvantage of crop rotation?

5. Why do you think sustainable agriculture is sometimes called regenerative farming?