**Reading 990**

**Chapter 9 Thinking Critically**

**Our Ecological Footprint: Do We Consume Too Much?**

 **Research and Presentation**

“The concept of the ecological footprint has been developed to help individuals measure their environmental impact on the Earth.” Eldon Enger

**Purpose**

This reading project will help you:

* Practice higher level critical thinking skills such as summary, analysis, synthesis, comparison/contrast, cause/effect, judgment, and evaluation
* Understand multiple conflicting perspectives on an issue
* Summarize and analyze multiple viewpoints in an attempt to understand them
* Learn how to conduct basic research and document research

**Packet content**

* **Part 1**:Independent , personal research, typed pages 2-5
* **Part 2**:Reading and analyzing information pages 6-8
* **Part 3**:Presentation guidelines and checklist page 9

**How this project is graded**

* **Part 1\_\_\_\_\_** individual grade
* **Part 2**\_\_\_\_\_ group grade
* **Part 3\_\_\_\_\_** group grade

**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Part 1: Personal Research**

**Personal research on the environmental issues in the United States and the world should include a source for each article or video using proper MLA form. Check off each assignment when completed.**

* **Use key words (topics) such as:** your ecological footprint, do we consume too much, food, energy, water, wild nature, using human ingenuity.

**1\_\_\_**Selection 9.3 pages 672-673 Do we consume too much? Write a summary of important points.

Source:

2\_\_\_Use selection 9.3 Human ingenuity has helped solve or avoid environmental challenges such as world- wide shortages of food, energy, and water. List 7-10 solutions from the selection Write a summary of important points.

Source:

3\_\_\_TED.talks Choose a video about the environment and write a summary of the key points.

Source:

4\_\_\_http://earthday.org/Footprint/info.asp Write a summary of the key points of your ecological footprint.

Source:

5\_\_\_News article 1 write a **summary of environmental issues in the United States.** .

Source:

6\_\_\_News article 2 write a **summary of additional environmental issues in the United States.**

Source:

7\_\_\_News article 3 write **a summary of environmental issues of global consequence.**

Source

8\_\_\_News article 4 write **a summary of environmental issues of global consequence**.

Source:

**Part 2: Group Work - Reading and Analyzing Information**

**Thought Questions**

**1. Read 9.3 pages 672-676. Which important information from these pages should be included in the project?**

**2 How might your background or life experience affect your understanding of environmental issues in the United States?**

**3. Analysis, judgment, evaluation, comparison, and contrast are examples of higher level thinking skills.**

* **What are comparisons? What are contrasts?**
* **A Venn diagram is two large circles that intersect. The differences are listed in each circle and similarities are listed in the intersecting portion. Create a Venn diagram based on your findings.**

**4 What are some differences between environmental issues in the United States and globally? See page 757 paragraph 36, begin reading in the second column where the sentence starts “But the…**

**5 What are some similarities between environmental issues in the United States and globally?**

**6. What are some multiple conflicting perspectives on the environmental issues in the US?**

**7 What are some multiple conflicting perspectives on environmental issues globally?**

**8. Based on your reading, handouts, video etc. what would remedy United States environmental issues? How can these be overcome? Are there various answers? Why?**

**9. Based on your reading, handouts etc. what would remedy environmental issues globally? Are there various answers? Why?**

**Part 3: Presentation Guidelines and Checklist**

**Group Presentation Guidelines**

Choose a way to present your most important findings. You might:

* Create a power point presentation
* Create a magazine
* Create a professional looking Venn diagram of your findings
* Discuss as a panel of experts
* Create a well documented professional chart of comparison and contrasts
* Create well documented professional graphs
* Create a professional looking work sheet
* Create a professional looking vocabulary worksheet

**Checklist:**

\_\_\_Your group must present to the class

\_\_\_Make sure your purpose is clear to your audience.

\_\_\_Your group must list sources used