

Social Nine

Unit Seven:

Consumerism & Environmentalism

Name:

Date Received:

Due Date:

Date In:

THE HISTORY OF THE

ROYAL SOCIETY

OF LONDON

1660

1661

1662

1663

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Read pages 298 – 303:

1. Define Climate Change:

2. Define Biodiversity:

3. **Consider the top photograph on page 299:** How do decisions about the environment affect resource development and jobs?

4. **Consider the middle photograph on page 299:** What role could consumer behavior play in responding to environmental issues?

5. **Consider the bottom photograph on page 299:** How could decisions about Alberta's oil sands affect the environment? How could they affect the quality of life of individuals and groups?

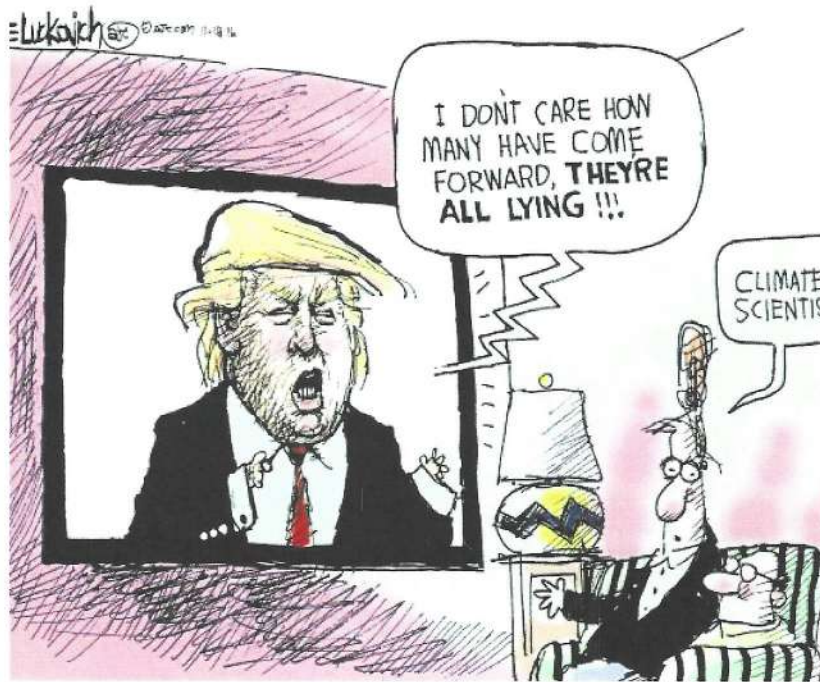
6. In your own words, what is an environmental issue?

7. Provide **three** examples of environmental issues that you are familiar with:

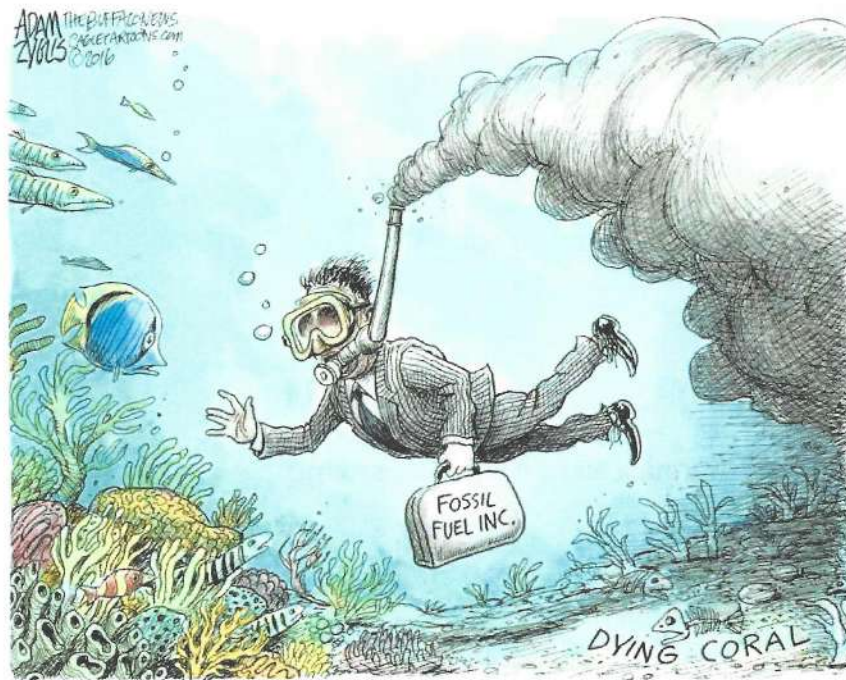
8. Based on your textbook, state all of the different groups that may be involved in an environmental issue:

Scientific findings have discovered that the oil sands consume 67% of the fresh water in Alberta. The suggestion is to cut oil sand development by half in order to reserve water..

9. What is the main idea of the following cartoon?



10. What is the main idea of the following cartoon?



11. Do you agree or disagree with the main idea or concept in the previous cartoon? Why or why not?

12. What is global warming and what is it caused by?

13. What are Greenhouse Gases?

14. What is the Greenhouse Effect?

15. Why has the rate of global warming increased greatly in the past twenty years?

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Begin on page 308 of your text:

1. Your textbook claims that greenhouse gases will cause the temperature of the Earth to rise... How exactly will the temperature increase? (See Prok for help if needed)
2. What are the predicted consequences of global warming?
3. How are GHG's released into the environment?

4. Are the effects of GHG's felt only where they are created? Or, shared throughout the world? Explain:

5. North America has become more aware of the harmful effects of GHG's. If other parts of the world do not reduce their use of GHG's, is it possible that the temperature in North America will still rise? Explain:

6. Consider the map on page 310 of your textbook:

- Which regions in Canada will experience the least climate change? Which regions will experience the most?
- Based on your last answer... Where do GHG's accumulate within Canada?

- Think of where the majority of INDUSTRY is located in Canada... Are these the locations where temperature change is taking place? Explain the connection:

- List some specific impacts of increased temperature that will be found throughout Canada:

- Many environmental agencies believe that increased temperature will cause mass flooding throughout the world. Based on the evidence from the map, explain why is likely to happen:

7. Consider the map on page 311 of your textbook:

- In general, where are the majority of Inuit settlements found throughout Canada?
- In correlation with the last map you looked at... What primary concern do the Inuit people within Canada have?
- Based on what you know about Inuit people... How will the drastic temperature increase change / diminish their way of life?
- Keeping in mind how you answered the last questions... Why have the Inuit become so involved in the political aspect of industry and climate change?

- Based on the traditional lifestyle of the Inuit people... Are they responsible for the climate change in their area? Explain your answer

- Who do you think is likely responsible for the climate change in the North?

8. Consider the map on page 312 of your textbook:

- Why does Alberta have such a high rate of carbon dioxide emissions?

- The Government of Alberta defends the actions of industry in Alberta, despite their high level of pollution. Why would they react this way?

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Begin on page 314 of your textbook:

1. Define GDP per Capita:
2. What does GDP mean in your own words? (See Prok for help).
3. **Consider the information presented on page 314:**
 - Is there a correlation between GDP per capita and CO₂ emissions? (Draw a sample graph)
 - Provide a possible explanation for the correlation:

- Is there a correlation between population and CO₂ emissions? (Draw a sample graph):

- Provide a possible explanation for the correlation:

4. Based population size and emissions... Is the US in line with the other two countries or far worse? Explain:

5. What decision did the US make in the year 2007?

6. Why would the US refuse joining any environmental agreements to cut back on emissions?

7. Your textbook speaks about a huge difference between GHG emission standards in regards to developed and developing countries. Describe the difference:

8. Why would developing countries not be held to the same environmental standards as other countries?

9. In your opinion... should there be any difference between developed and non-developed countries??? Explain:

10. Why did George W. Bush not believe in joining any environmental agreements?

11. Do you think President Bush was correct in his thinking? Explain:

12. What do Bush's comments reflect about the values and attitudes that underlie the US economic system?

13. What is the Kyoto Accord? What were the goals of the program?

14. At the start of the Kyoto Accord, Canada and the US had very different positions. As the Accord continued, were the two countries different at all? Explain:

15. How is the Canadian government trying to encourage people to ride public transit?

16. How has the government started to fund energy production, from sources other than coal and oil?

17. Now, onto you... Do you really care about the state of the environment? Explain:

