

**DRIVING COURSE QUESTION:**

## How does one build and maintain a successful state?

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- Focus #1**      Should your state commit capital (CP's) to reduce its emission of "greenhouse gases"?  
**Focus #2**      Should your state commit capital (CP's) to the research and use of alternative energy sources?  
**Focus #3**      Should your state offer humanitarian aid (through CP's) to regions that lack fresh water?
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- PART I**
1. Open the class website ([www.prather.yolasite.com](http://www.prather.yolasite.com)). Click on "Docket I." Open *Issue B*.
  2. Read the slide with the gold background. Identify the specific decisions facing your state.
  3. Advance to the next slide. Then respond to each of the following questions.

**Open source #1. Read to answer these questions:**

1. What are the three major fossil fuels, and why are they so important?
  
  
  
  
  
  
  
  
  
  
2. Scroll down to the bottom of the article, to the section entitled "Consequences of the Industrial Revolution." Explain here why the rise of industry was such a significant development in human history, both positively and negatively.

**Open source #2**

3. According to the video, how is the earth's climate changing? And WHY is it changing?
  
  
  
  
  
  
  
  
  
  
4. Why are the sea levels rising, and why is the rise such a big deal for human beings?

**Open source #3.**

5. Briefly explain how "greenhouse gases" like CO<sub>2</sub> (carbon dioxide) are contributing to global warming. In your explanation identify examples of human activities that release more CO<sub>2</sub> into the earth's atmosphere.

**Open source #4.**

6. Read the last three paragraphs of the article about a recent report on climate change. What key points does the article make about food and governmental responsibility?

Name \_\_\_\_\_

# Docket 1: Sustainability

Issues B & C: *Emissions, Energy, Water Scarcity*

**Open source #5.**

7. Former Vice President Al Gore uses a rhetorical device called “fear mongering” to persuade his audience to take action against global warming. Based on the film trailer, what do you think *fear mongering* is?

**Open source #6.**

8. What is the purpose of this particular film clip?

**Open source #8.**

9. Examine the causes of industrial pollution. a) What is the problem with much of the industrial technology? b) Why are small-scale factories a significant problem?

10. List the effects of industrial pollution.

**Open source #9.**

11. Identify some of the alternative energy/power sources that might help to move society away from its dependence on fossil fuels.

12. How has the popularity of electric cars impacted the emission of Greenhouse gases?

**Open source #10.**

13. Fill the chart below by identifying the PROS (assets/benefits) and CONS (liabilities/risks/drawbacks) of nuclear power.

NUCLEAR POWER AS AN ASSET (+)	NUCLEAR POWER AS A LIABILITY (-)

Name \_\_\_\_\_

# Docket 1: Sustainability

Issues B & C: *Emissions, Energy, Water Scarcity*

- PART II**
1. Open the class website ([www.prather.yolasite.com](http://www.prather.yolasite.com)). Click on “Docket I.” Open *Issue C*.
  2. Read the slide with the gold background. Identify the specific decisions facing your state.
  3. Advance to the next slide. Then respond to each of the following questions.

**Open source #1:**

14. Examine the “Did you know?” section. Identify the meaning behind these numbers:

- 700 million:
  
- 50% by 2030:

**Open source #8:**

15. How many people die each year as a result of the global water crisis? \_\_\_\_\_

16. Click on “Water and Disease.” Write the three statistics/facts that you find most important to know:

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17. Shade the following countries – all experiencing significant water scarcity – on the map provided: **Papua New Guinea, Nepal, Angola, Ethiopia, Haiti, Nicaragua, Sierra Leone, Uganda, the Democratic Republic of the Congo, Togo, Ghana, Kenya, Rwanda, and Zambia**

