

## NATURAL RESOURCES ESSAY

### Part 1 (Use PowerPoint Notes on Energy to help you)

1. Discuss the two categories of energy sources
  - Renewable
    - What does it mean?
    - List 5 examples of these energy sources.
    - What is one drawback that all renewable energy sources share?
  - Nonrenewable
    - What does it mean?
    - List 5 examples of these energy sources.
    - What is one drawback that all nonrenewable energy sources share?
2. Energy Depletion and Conservation
  - What does energy depletion mean?
  - What does energy conservation mean?
  - Why is it important for humans to practice conservation with both renewable and nonrenewable energy sources?

### Part 2 (Use information from the 10 Info Sheets to help you)

1. Pick 1 renewable energy source
  - Describe this energy source.
  - What are the ideal conditions needed to get energy from this source?
  - What is one drawback (problem) with getting energy from this source on a daily basis?
2. Pick 1 nonrenewable energy source.
  - Describe this energy source.
  - Where do we find this energy source?
  - How do we obtain this energy source?
  - How do we transport this energy source?
  - What is the environmental impact of using this as an energy source?

### Part 3 (Use information from all notes to help you)

1. Assume that we have ideal conditions for all 10 energy sources in North Carolina. We are going to stop using one nonrenewable energy source and replace it with using more of one of the renewable energy sources.
  - Which one of the 5 nonrenewable energy sources do you think would have the greatest positive effect if we stopped using it?
    - Why?
  - Which one of the 5 renewable energy sources do you think would have the greatest positive effect if we choose to increase its use to replace the nonrenewable source you want to stop using?
    - Why?