

Bell Activity Page 51

Consider the following quote.

“We have modified our environment so much that we must now modify ourselves to exist in the new environment.”

What does this quote mean ? What about the effects of environmental modification?

Learning Objectives: I will be able to...

- recognize the difference between renewable and nonrenewable resources.
- explain the importance and future scarcity of energy sources.

- https://www.youtube.com/watch?v=8LfD_EKze2M

Read pages 48-49

Be prepared to answer the assessment questions at the end of the reading.

Natural Resources

- Food
- Water
- Energy

- Things found in the environment naturally

- Can be divided into two parts
 - Renewable
 - Non-Renewable



Renewable Resources

- Earth or people can replace
 - Water (if careful, water can be renewed through the water cycle)
 - Plants
 - Animals



Nonrenewable Resources

- Can not be replaced in a human's lifetime. When they are gone, they are gone.
- Formed over millions of years
- Nonliving things
 - Minerals
 - Metals
 - Fossil fuels



Fossil Fuels

Nonrenewable resource formed millions of years ago by plant and animal matter.

- Petroleum
- Natural Gas
- Coal



Energy Resources

Renewable Energy Sources

- Sun
- Wind

Nonrenewable Energy Sources

- Coal
- Petroleum



Checks for Understanding

1. What do people need from the physical environment?
2. How are renewable and nonrenewable natural resources formed.
3. Why are fossil fuels considered “nonrenewable?”

Natural Resource Poster: ISN page 50

Due Monday 9/26

- Requirements: The poster should be of high quality and colored with pictures. NEATNESS COUNTS!!!! Your poster should include the following. **Use this list as a check off.**
- Poster must be neat, and show your understanding of energy resources.
- Include Pictures (hand drawn) in color {3 or more}
- Clearly Label
 - _____ 1. Definition of Renewable and Non-Renewable resources.
- _____ 2. How to conserve natural resources.
- _____ 3. Information on your Resource:
 - Is your resource renewable or nonrenewable
 - What do we use the resource for
 - How do we make energy from this source
 - Advantages and disadvantages of your resource