**Renewable and Nonrenewable Energy Study Guide**

1. Define the term “Nonrenewable Energy”.
2. How would you define “Fossil Fuel”?
3. What are the 3 predominant fuels used in the US today?
4. When you burn any fossil fuel what major greenhouse gas is produced?
5. Explain why nuclear energy is not used more in the US.
6. What do scientists predict for the availability of fossil fuels within the next few hundred years?
7. Explain the law of conservation.
8. What is a photovoltaic cell and how are they used to create electricity?
9. Explain why renewable energy sources such as wind, solar, and water are not used more.
10. List and explain four types of renewable energy.
11. List and explain four types of nonrenewable energy.
12. Why is the use of geothermal energy limited?
13. What changes can we make in our everyday activities to reduce the amount of energy used?
14. Describe how using fossil fuels such as coal and oil can lead to global warming.
15. Explain how cutting down trees and clearing land for urban development could increase the amount of carbon dioxide in the atmosphere.