

Name: _____

Unit 1 Test 2 Study Guide

Directions: Write the definition next to each vocabulary word.

1. Renewable Energy Resource- _____

2. Fossil Fuels- _____

3. Nonrenewable Energy Resource- _____

4. Solar Energy- _____

5. Wind Energy- _____

Directions: List the energy resources and their effect on the environment in the tables below.

Nonrenewable Energy Resources	Effects on the environment
1.	
2.	
3.	
4.	

Renewable Energy Resources	Effects on the environment
1.	
2.	
3.	

Directions: Fill in each blank using the word bank below.

Biodigester	Wind Turbine	Generators	Solar Panel
battery	Uranium	Solar Energy	Power plant

6. A _____ converts the energy stored in fossil fuels.
7. _____ is a renewable resource used to produce electricity.
8. A _____ contains stored energy and converts it into electrical energy.
9. _____ transform the energy of motion into electricity.
10. A _____ changes the energy of motion into electricity without the use of fossil fuels or nonrenewable resources.
11. In a nuclear power plant, a reaction in _____ is used to produce electricity.
12. A _____ transforms water into methane gas.
13. If an Engineer is designing a device that will convert solar energy into electricity. He will use a _____ to power his device.