



NATURAL SCIENCE TEST UNIT 4: ENERGY



Name: _____

1. Where is the water from hydroelectric energy collected?

2. Acid rain is caused by nitrogen oxide in the air.

TRUE

FALSE

3. What is sustainable development? Give a definition with your own words and an example.

4. A microphone transforms electrical energy into _____ energy.

- Kinetic/mechanical.
- Chemical.
- Sound

5. Write with your own words a description about coal.

6. A torch transforms the _____ energy in the batteries into light energy.

- Light
- Chemical
- Nuclear

7.- Most of the energy we use comes from renewable sources.

TRUE

FALSE

8. Which energy source is being described?

This energy source is found in some rocks and is used in nuclear power stations.

9. Mechanical energy is divided into _____ and _____ .

10. Energy that produces movement is called_____ .

11. Match:



THERMAL ENERGY



ELECTRICAL
ENERGY



SOUND ENERGY



RADIANT ENERGY



NUCLEAR ENERGY



CHEMICAL ENERGY

12. A nuclear power plant transforms nuclear energy into _____ energy.

- electrical
- radiant
- thermal

13. Global warming causes flooding and extreme weather conditions.

TRUE

FALSE

14. A lamp transforms electrical energy into _____ energy.

-electrical

-light

-chemical

15. Global warming is caused by extra oxygen in the atmosphere.

TRUE

FALSE