

WIND AND ENERGY QUIZ!

Hint: Review the Vocabulary List first! The answers are listed on the Wind and Energy Word Search

1. A Pinwheel is: A. a shape B. an object C. a symbol D. A, B and C
2. The ability to do work is called: A. energy B. electricity C. a job
3. Most of the energy we use originally came from: A. the sun B. the ocean C. the land
4. Wind is: A. moving clouds B. moving trees C. moving air
5. The first constructed wind mills were developed to: A. generate electricity B. pump water and grind grain
6. Wind is made by the uneven heating of the: A. earth's surface B. sun C. ocean
7. Wind moves best: A. in the forest B. over flat land C. in the city
8. A tool that measures the speed of the wind is: A. a thermometer B. an anemometer
 C. a weather vane
9. A tool that shows the direction the wind is blowing is called: A. thermometer B. an anemometer
 C. a weather vane
10. A wind turbine uses wind energy to make: A. electricity B. heat C. motion
11. What part of a wind turbine captures the wind: A. tower B. gear box C. blades
12. The sun and the wind are examples of primary energy sources. A. True B. False
13. A secondary energy source converts other sources of energy, like the thermal energy of burning coal.
 A. True B. False
14. The wind is an example of kinetic energy. A. True B. False
15. Potential energy is stored energy, like in a battery. A. True B. False
16. The wind, the sun and flowing rivers are examples of renewable energy. A. True B. False
17. Nonrenewable energy includes finite resources which will run out; fossil fuels like coal, oil, and natural gas.
 A. True B. False
18. Your Pinwheel is an example of: A. a primary energy source B. a secondary energy source
19. Your pinwheel spinning is an example of: A. potential energy B. kinetic energy
20. Your pinwheel is an example of: A. renewable energy B. non-renewable energy
21. Give two examples of work that the wind can do. _____
22. Give two reasons why wind is a good energy resource. _____