

Name: _____ Date: _____ Period: _____

Energy Vocabulary Matching Quiz

1. The ability to do work or cause change.
 2. Stored energy
 3. Energy that an object has due to its motion.
 4. Potential energy that depends on height.
 5. The energy of stretched or compressed objects.
 6. Kinetic or potential energy with the motion of an object.
 7. The total energy of all the particles that make up a substance.
 8. The energy of electric charges.
 9. Energy stored in focus and other fuels.
 10. Potential energy provided by the nucleus of an atom.
 11. The energy of light and other forms of radiation.
 12. The process of changing one form of energy to another.
 13. The rule that energy cannot be created or destroyed.
 14. Anything that has mass and takes up space.
 15. A material that forms over millions of years.
 16. The process of burning a fuel to produce thermal energy.
 17. The heat capacity of a sample of a substance divided by the mass of the sample.
 18. The process by which heat/electricity is directly transmitted through a substance.
 19. The circular motion that happens when warmer air/liquid rises, while the cooler air/liquid drops down.
 20. A current in a fluid that results from convection.
 21. The transfer of energy by electromagnetic waves.
 22. A material or device that conducts or transmits heat, electricity, or sound, especially when regarded in terms of its capacity to do this.
- A. Matter
 - B. Law of Conversion of Energy
 - C. Convection
 - D. Radiation
 - E. Energy Transformation
 - F. Chemical Energy
 - G. Kinetic Energy
 - H. Gravitational P. Energy
 - I. Combustion
 - J. Conduction
 - K. Insulator
 - L. Elastic P. Energy
 - M. Thermal Energy
 - N. Convection Current
 - O. Fossil Fuel
 - P. Nuclear Energy
 - Q. Conductor
 - R. Potential Energy
 - S. Mechanical Energy
 - T. Energy
 - U. Electric Energy
 - V. Electromagnetic Energy

23. A substance which does not readily conduct electricity/allow the passage of heat or sound. W. Heat Specific Heat