

10. Scientists have developed a plastic that expands and contracts slightly in response to electrical energy. What has this enabled scientists to build?
- A. maglev trains
 - B. capacitive touch-sensitive screens
 - C. photovoltaic cells
 - D. robots with human-like hand and facial movements
11. You stir some cream into a cup of warm coffee with a spoon. What types of energy are evident in this example?
- A. kinetic and thermal energy
 - B. potential and kinetic energy
 - C. kinetic, thermal, and chemical energy
 - D. kinetic, thermal, and mechanical energy
12. What type of reactions occur in the Sun?
- A. solar reactions
 - B. fusion reactions
 - C. fission reactions
 - D. thermal reactions
13. Thermal energy is generated through the rapid motion of the particles that make up an object. Based on this description, what other type of energy could thermal energy be classified as?
- A. potential energy
 - B. kinetic energy
 - C. mechanical energy
 - D. chemical energy
14. Which of the following types of energy is released by forming new atoms?
- A. nuclear energy
 - B. chemical energy
 - C. atomic energy
 - D. formation energy