

## Blended Learning Rotation 2: Direct Independent Technology Work

### Forms of Energy Camping Video Viewing Guide

Name: \_\_\_\_\_ Block: \_\_\_\_\_ Date: \_\_\_\_\_

URL: <https://www.playposit.com/listcode/450994/df7049>

1. What is mechanical energy?
  - A. Energy that something has because it has light.
  - B. Energy that something has because it moves or that it can move.
2. What is fuel?
  - A. Anything that is burned to get energy.
  - B. A form of energy that involves sound.
3. Where does chemical energy come from?
  - A. chemical spills
  - B. chemical changes
4. How do people use chemical energy?
  - A. When they eat food to do things.
  - B. When they buy things.
5. What are sources of chemical energy?
  - A. fires, burning wood, explosions, chemicals mixing, eating food, batteries
  - B. radio, drums, earphones
6. Heat energy is also called \_\_\_\_\_ energy. Heat energy is something that moves \_\_\_\_\_.
  - A. thermal; tiny chemicals of matter
  - B. thermal; tiny particles of matter
7. As heat waves hit the molecules, the molecules \_\_\_\_\_.
  - A. move faster.
  - B. move more slowly.
8. Light energy comes from the \_\_\_\_\_. It travels through \_\_\_\_\_.
  - A. sun; solar tubes
  - B. sun; empty space.
9. The sun provides energy from the sun's light to help plants make their own food. This is called \_\_\_\_\_.
  - A. photokinesis
  - B. photosynthesis
10. How do we harness or capture solar energy to make a calculator work or for homes to use to change to electricity?
  - A. by using solar flares
  - B. by using solar cells
11. Water powers huge generators that produce \_\_\_\_\_.
  - A. electrical force
  - B. electrical energy
12. A \_\_\_\_\_ has a loop of wire that turns between two magnets. As the loop of wire spins an \_\_\_\_\_ is produced.
  - A. generator; electric current
  - B. generator; electric stove
13. Batteries in flashlights have stored \_\_\_\_\_ energy.
  - A. electrical
  - B. chemical
14. Telephones are an example of \_\_\_\_\_ energy.
  - A. solar
  - B. sound

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