

## 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