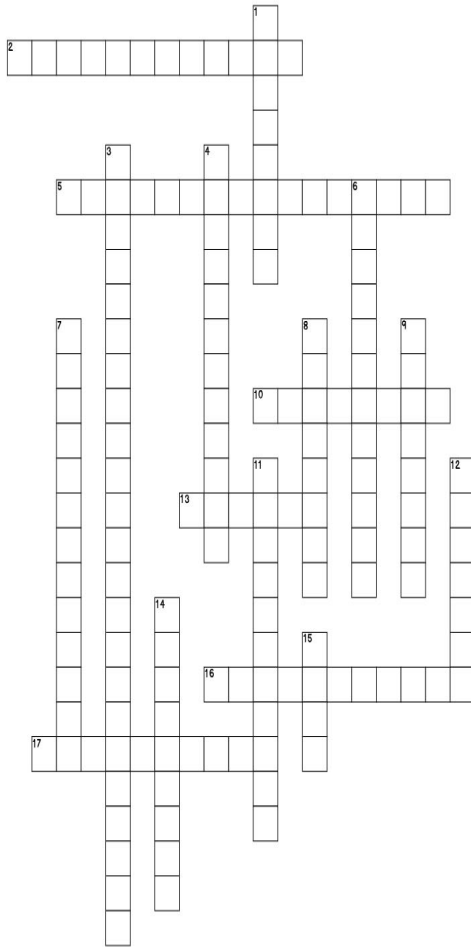


Renewable Energy Worksheet

Name: _____

Date: _____



ACROSS

2. These cells convert solar energy to electricity
5. Heat produced below the Earth's surface
10. Electricity produced by the combustion of biomass
13. The type of solar heating that uses technology to collect, move and store solar heat
16. A device that converts wind energy to electricity
17. The kinetic energy of moving water is used to generate electricity

DOWN

1. A grouping of wind turbines
3. Using mirrors to focus sunlight to generate electricity
4. This heat pump uses the stable temperature of the soil a few feet under the ground
6. A process where water is broken down into oxygen gas and hydrogen gas
7. Energy produced from material produced by living organisms
8. Liquid fuels from biomass sources
9. These batteries use hydrogen gas to produce electricity
11. Using the movement of the tides to generate electricity
12. The type of solar heating that involves building design that collects and stores solar energy naturally
14. Solar collectors that use heated fluid to heat water or air
15. Abbreviation for the process that changes thermal energy in ocean water to electricity