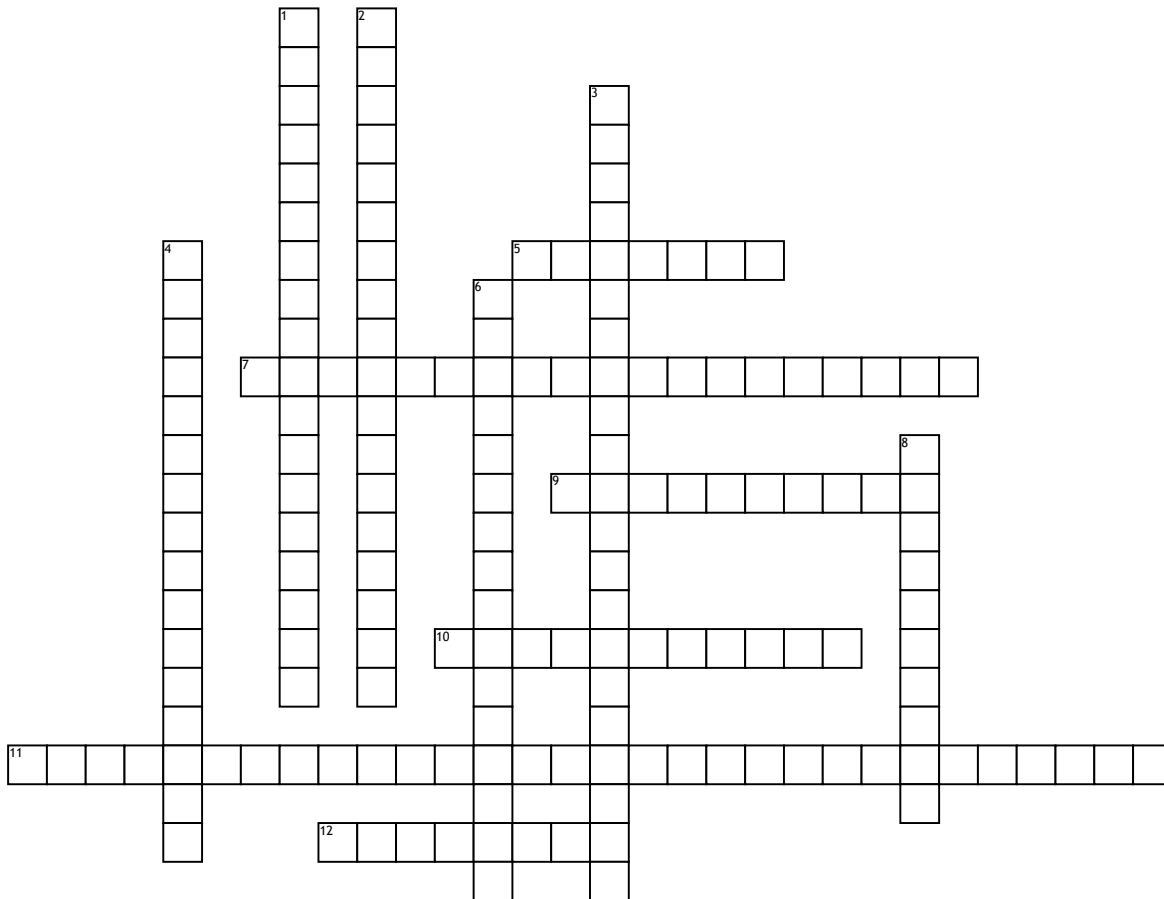


# Renewable Energy and Conservation



## Across

5. Plant material, including undigested fiber in animal waste, used as fuel
7. A system of putting the sun's energy to use without requiring mechanical devices to distribute the collected heat
9. Electrical or mechanical energy obtained from surface air currents caused by solar warming of air
10. Form of renewable energy that relies of the ebb and flow of the tides to generate electricity

11. A means of producing electricity in which the sun's energy concentrated by mirrors at a fluid-filled pipe or drive an engine

12. Device that directly converts chemical energy into electricity without needing to produce steam and use a turbine and generator

## Down

1. A system of putting the sun's energy to use in which a series of collectors absorb the solar energy and fans distribute the collected heat

2. Using less energy, for example, by reducing energy use and waste

3. A wayer of thin film or solid state materials, that is treated with certain materials so that they generate electricity

4. Use of energy from Earth's interior for either space heating or generation of electricity

6. Using less energy to accomplish a given task, as for example, with new technology

8. Form of renewable energy that relies on flowing or falling water to generate mechanical energy or electricity