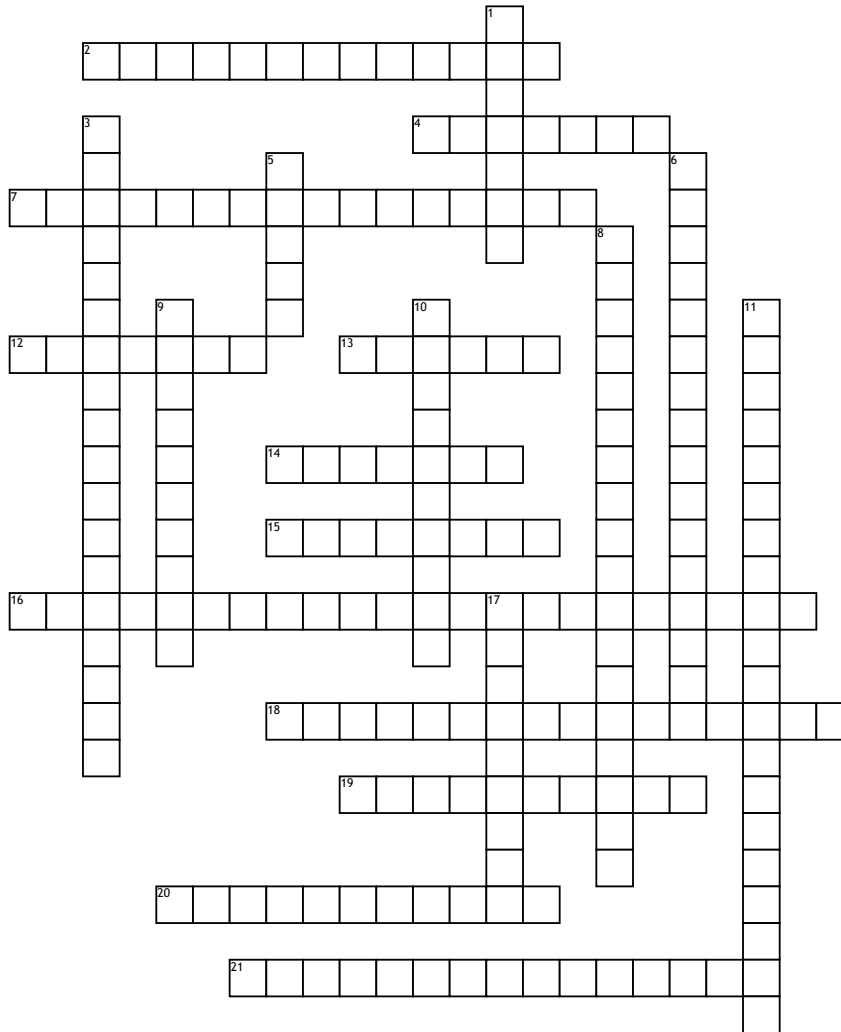


Energy Forces



Across

2. energy obtained from flowing water
 4. energy in the form of heat, caused by movement of particles (kinetic)
 7. change of one form of energy to another
 12. alternative energy source that is based on atomic fission
 13. ability to do work
 14. renewable energy derived from burning organic materials such as wood and alcohol
 15. potential energy stored in chemical bonds between atoms

16. potential energy that depends on the height of an object
 18. generates electricity by reacting hydrogen with oxygen
 19. energy caused by movement of electrons
 20. coal, oil, natural gas that are ancient remains of plants and animals
 21. form of energy that travels through space as waves

Down

1. energy of motion
 3. The practice of reducing the use of energy

5. energy from the sun that is converted into thermal or electrical energy
 6. energy stored by something that can stretch or compress
 8. source of energy that can be replaced in a relatively short period of time
 9. energy generated from the heat produced beneath the earth's mantle
 10. energy associated with the motion or position of an object
 11. resource that forms slowly that cannot be renewed
 17. stored energy

Word Bank

renewable resources
 geothermal
 gravitational potential
 chemical
 fossil fuels
 thermal

electrical
 energy conservation
 biomass
 hydroelectric
 energy conversion

nonrenewable resource
 nuclear
 energy
 solar
 hydrogen fuel cell

elastic potential
 kinetic
 mechanical
 electromagnetic
 potential