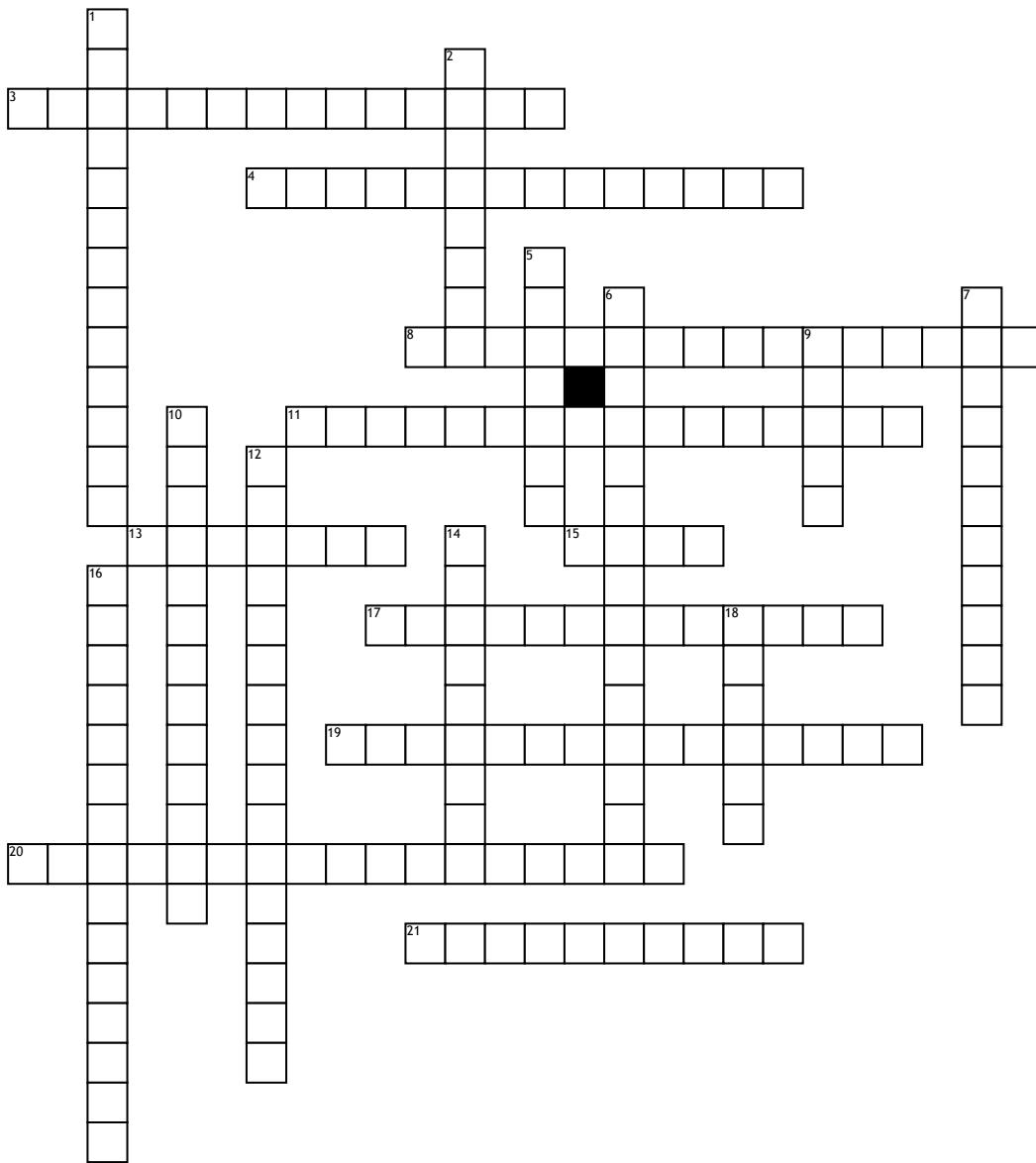


# Force, Motion, and Energy Vocab Crossword



## Across

3. Is the energy that is stored in matter and that can be released by a chemical reaction  
 4. Forces on a object that are equal in size and opposite in direction  
 8. Forces that cause a change in motion  
 10. Energy caused by the movement of electric charges  
 11. A complete pathway made of conductors through which electric current can flow  
 13. Allows the electricity to easily travel through them  
 15. Transfer of energy

17. The energy an object has because of its motion

19. Energy that comes from electric current

20. The buildup of electric charges on an object

21. Prevents the flow of electricity

## Down

1. A force that opposes motion  
 2. A force of attraction between two objects  
 3. Contains two or more paths for electric charges to follow

5. Is a measure of the average kinetic energy of the particles in a substance

6. Is a push or pull

7. Electric current has only one path to follow to and from the energy source

9. Is the total energy of motion and position of an object

10. Allows the electricity to easily travel through them

12. The energy an object has because of its position or condition

14. The ability to cause changes in matter

16. The ability to cause changes in matter

18. The ability to cause changes in matter