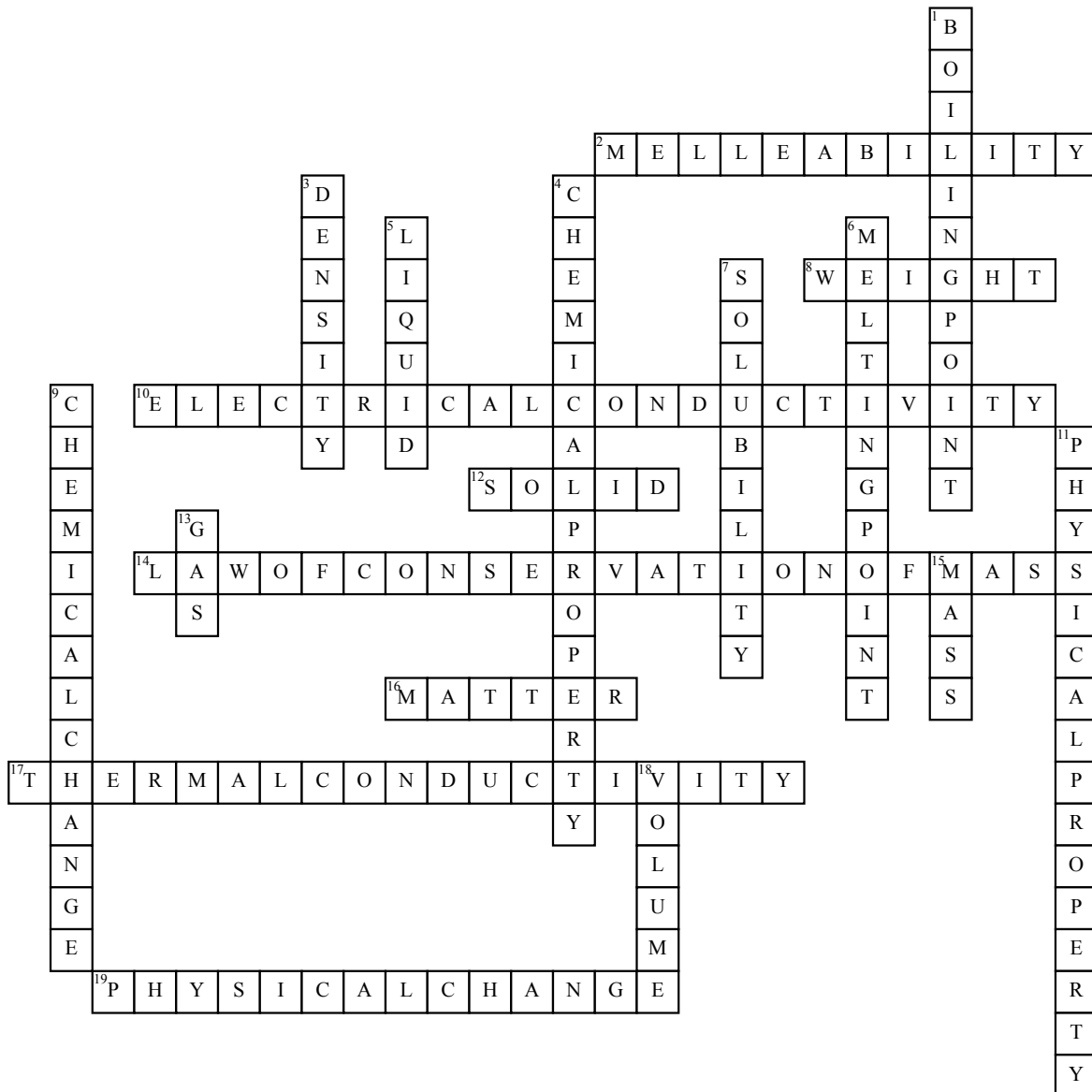


# Matter/Physical/Chemical Changes



## Across

2. the ability of a substance to be rolled and pounded into various shapes  
 8. is a measure of the gravitational force on an object  
 10. measure of how well an electric current can move through a substance  
 12. substance has a definite volume and shape  
 14. mass is not created or destroyed but is only transformed into different substances  
 16. anything that has mass and takes up space  
 17. the rate at which a substance transfers heat

19. is a change that affects one or more physical properties of a substance

## Down

1. temperature at which a substance changes from a liquid to a gas  
 3. a measure of the amount of matter in a given volume  
 4. property that describes a substance's ability to participate in chemical reactions  
 5. substance has a definite volume but not a definite shape  
 6. temperature at which a substance changes from a solid to a liquid  
 7. the ability of a substance to dissolve in another substance

9. occurs when one or more substances change into entirely new substances with different properties  
 11. characteristic of a substance that does not involve a chemical change, such as density, hardness and color  
 13. does not have a definite volume or shape  
 15. describes the amount of matter in an object  
 18. amount of space that an object takes up or occupies