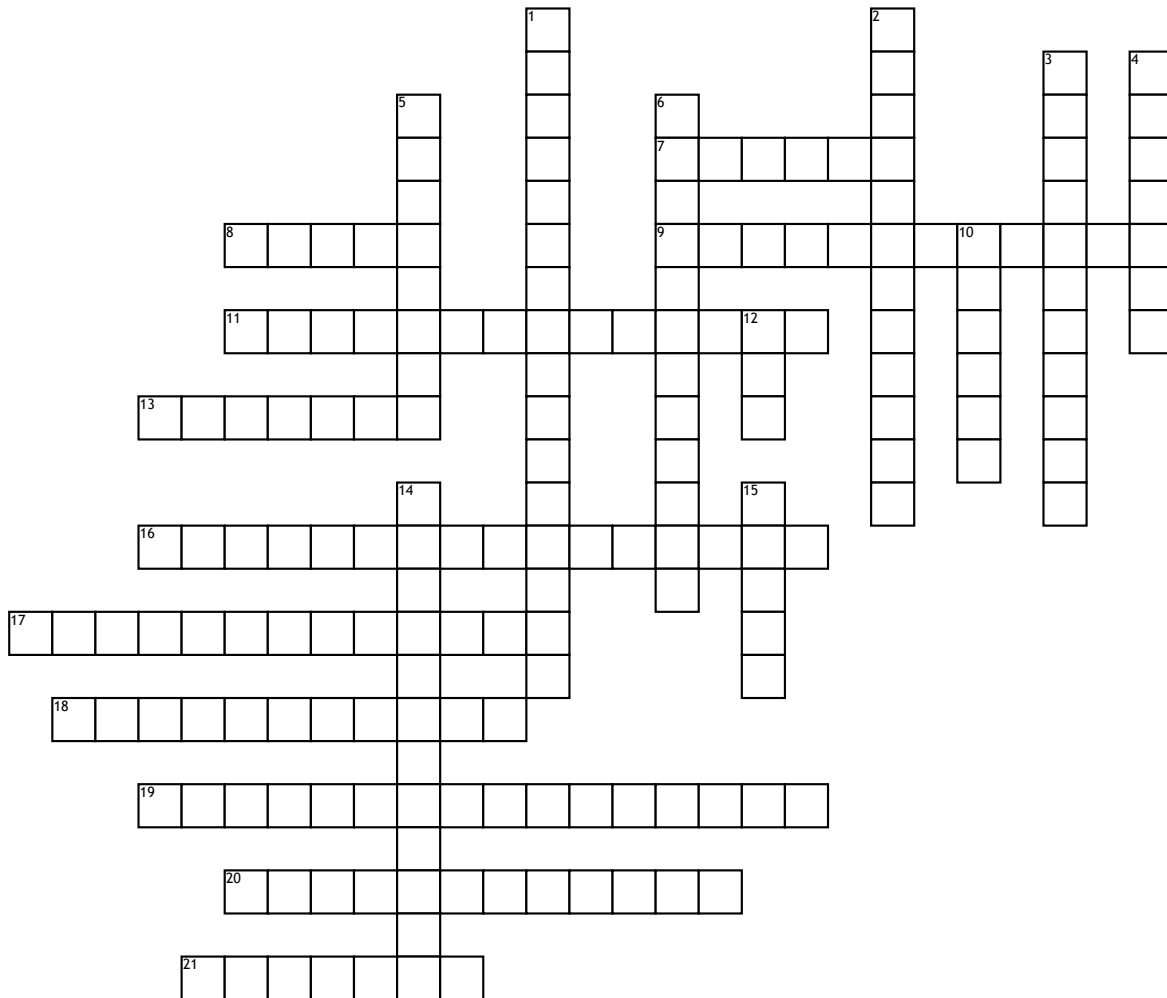


# Day 2 Matter



## Across

7. particles not as close as those in solids, no definite shape.  
 8. important physical property of matter.  
 9. temperature at which solid turns in to liquid.  
 11. process by which a substance changes.  
 13. solid to liquid.  
 16. often involves chemically combining different substances.  
 17. temperature at which liquid turns into solid.  
 18. vaporization that takes place at the surface of a liquid.

19. characteristics that can be observed without changing the identity of a substance.

20. temperature at which a substance boils.

21. vaporization that occurs inside a liquid/bubbles travel to the surface then into the air.

## Down

1. any of a material's properties that becomes evident during, or after, a chemical reaction.  
 2. gas to liquid.  
 3. solid to gas.  
 4. many solids are made up of regular repeating patterns called.

5. liquid to solid.

6. ability to burn.

10. rare on earth, one of the most common phases found in the universe.

12. no definite shape, no set pattern of particles, fills all available space in a container.

14. liquid to gas.

15. definite shape, volume, particles packed closely together, repeating patterns.