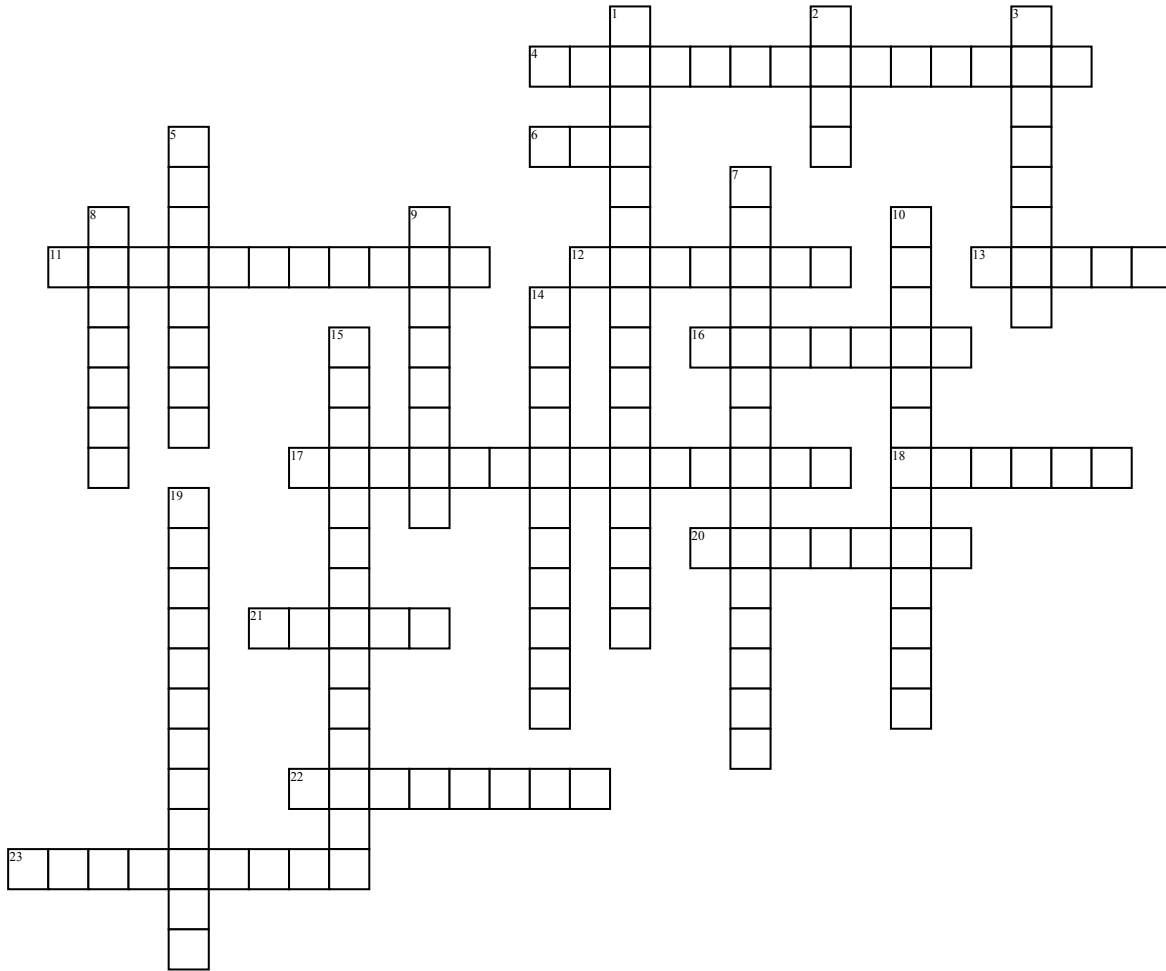


# Matter Crossword



## Across

4. The result of an inward pull among the molecules of a liquid that brings the molecules on the surface closer together.  
 6. A state of matter that has no definite shape or volume.  
 11. How hot or cold something is.  
 12. A pure substance that can't be broken down.  
 13. Any substance that can flow.  
 16. Two or more substances that are together in the same place but their atoms are not chemically bonded.  
 17. A solid made up of particles that are not arranged in a regular pattern.  
 18. A state of matter that has no definite shape but has a definite volume.  
 20. Vaporization that occurs at and below the surface of a liquid.

21. A state of matter that has a definite shape and a definite volume  
 22. The change in state from a liquid to a solid.  
 23. A liquid's resistance to flowing.

## Down

1. A solid that is made up of crystals in which particles are arranged in a regular, repeating pattern.  
 2. The basic particle from which all elements are made.  
 3. A neutral group of two or more atoms held together by covalent bonds.  
 5. A substance made of two or more elements chemically combined in a specific ratio or proportion.  
 7. Symbols that show the elements in a compound and the ratio of atoms.

8. The change in state from a solid to a liquid.  
 9. The force pushing on a surface divided by the area of that surface.  
 10. The total kinetic and potential energy of all the particles of an object.  
 14. The process by which molecules at the surface of a liquid absorb enough energy to change to a gas.  
 15. A form of potential energy that is stored in chemical bonds between atoms.  
 19. The force of attraction that holds two atoms together.