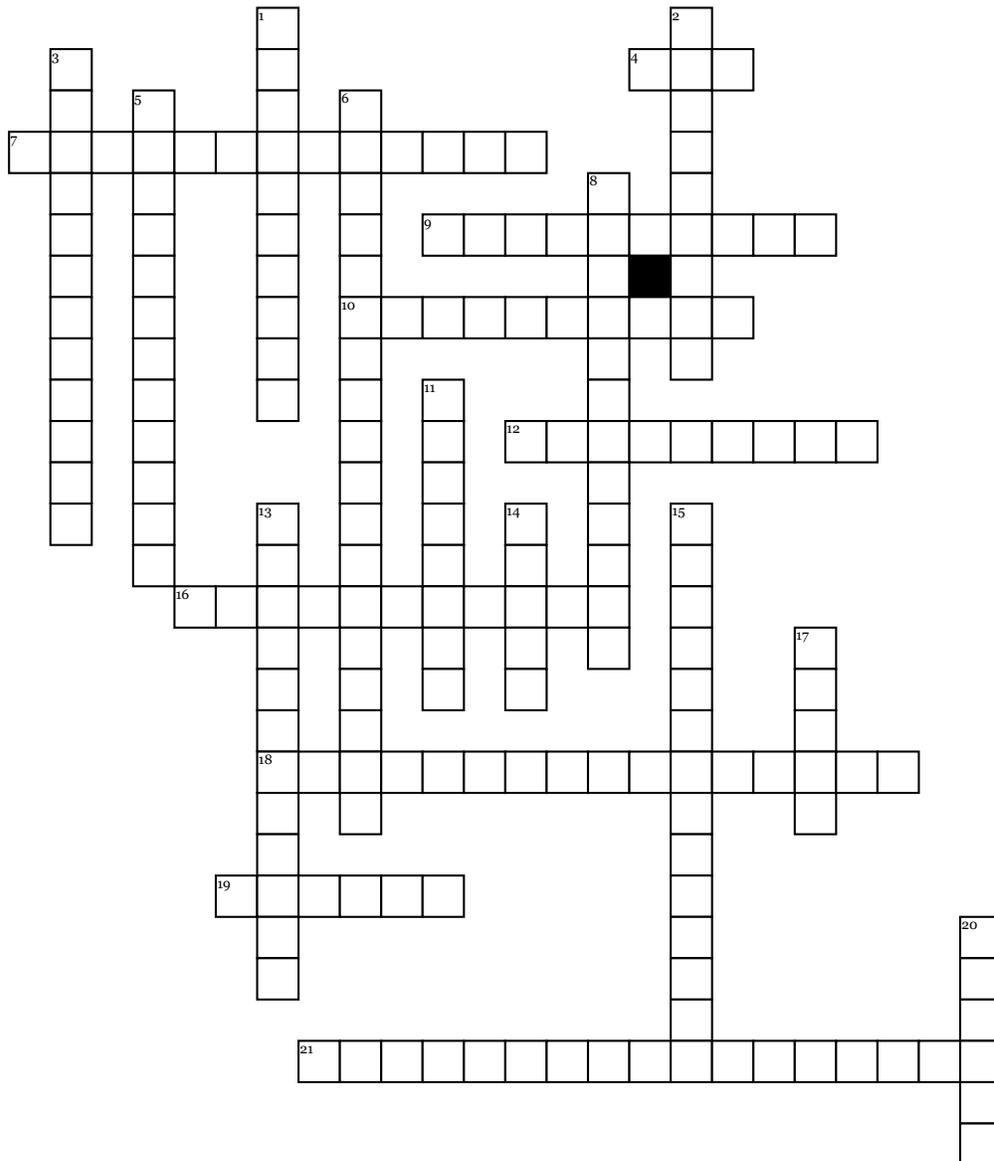


# Properties and changes in matter.



## Across

- 4.** an airlike fluid substance which expands freely to fill any space available, irrespective of its quantity.  
**7.** idea that everything is made up of matter and are constantly moving.  
**9.** the transfer of thermal energy by electromagnetic waves  
**10.** the transfer of thermal energy through particles of matter that are in direct contact  
**12.** do not react with other substances  
**16.** measure of average kinetic energy of the particles in an object

**18.** the process that added thermal that causes most substances to increase in size and expand

**19.** has a definite shape but not a definite volume

**21.** chemical changes

## Down

**1.** describes how easily a substance reacts with other substances

**2.** the transfer of thermal energy through the motion of fluids

**3.** the temperature at which changes between liquid and gas when a liquid evaporates into a gas

**5.** the temp at which changes between solid into liquid that makes it solid melted into liquid

**6.** describes how substances react with other substances

**8.** the movement of thermal energy from one place to another

**11.** substances that change or react

**13.** describes whether or not a substance will burn

**14.** flows and mixes together easily  
**15.** when two or more substances are combined and changed into new substances with new properties

**17.** has a definite shape and definite volume

**20.** hot mixture of ions and electrons