

**United Streaming**  
**Physical & Chemical Changes**

Name \_\_\_\_\_

1. A physical change is a change in the physical properties of matter, such as a change in \_\_\_\_\_, \_\_\_\_\_, or \_\_\_\_\_ of matter without the matter changing chemically.
2. In physical changes you have the same matter \_\_\_\_\_ and \_\_\_\_\_ the change.
3. A chemical \_\_\_\_\_ is a way to describe how matter reacts with other matter.
4. Flammability means that the matter has the ability to \_\_\_\_\_.
5. Another clue that a chemical change has occurred when paper is burned is that \_\_\_\_\_ is given off.
6. A chemical \_\_\_\_\_ is the process by which a certain substance becomes a different substance.
7. In a chemical change a \_\_\_\_\_ substance is formed.
8. Identify if each example is a physical or chemical change. Use P for physical and C for chemical.
  1. A saw cuts a log and creates sawdust - \_\_\_\_
  2. Electricity from a battery causes a light bulb to light - \_\_\_\_
  3. Mixing sugar and powdered drink mix - \_\_\_\_
9. The process of rusting is a \_\_\_\_\_ chemical change. When \_\_\_\_\_ reacts with oxygen in the air, it corrodes creating a new substance. \_\_\_\_\_ is another slow chemical change that occurs when living things are broken down.
10. The burning of logs is an example of a \_\_\_\_\_ chemical change. Many of the chemical changes in our \_\_\_\_\_ and the \_\_\_\_\_ of dynamite are fast chemical changes.
11. A chemical \_\_\_\_\_ is a chemical change in which one or more substances is changed.
12. \_\_\_\_\_ is an important chemical reaction in plants that is used to produce energy for the plant.

**Video Quiz Answers**

- |          |           |
|----------|-----------|
| 1. _____ | 6. _____  |
| 2. _____ | 7. _____  |
| 3. _____ | 8. _____  |
| 4. _____ | 9. _____  |
| 5. _____ | 10. _____ |



## *Physical & Chemical Changes*

Use your knowledge of physical and chemical changes to identify at least one way to change each substance listed below physically and chemically.

<b>Substance</b>	<b>Physical Change</b>	<b>Chemical Change</b>
Paper		
Milk		
Baking Soda		
Candle		
Steel Wool (SOS Pad)		
Rocks		
Alka Seltzer Tablet		
Wood		
Flour		
Apple		
Iron Nail		