

# Physical and Chemical Changes Vocabulary

1. Physical change- a change that alters the form of an object without changing what type of matter it is. Examples: molding clay, sharpening a pencil
2. Chemical change- occurs when atoms link together in new ways to create substances different from the original substances. (also known as a chemical reaction) examples: decaying, and burning
3. Chemical property- the way a substance reacts with other substances
4. Boiling point- the temperature at which a substance boils (212°F)
5. Freezing point- the temperature at which a substance freezes (32 °F)
6. Reactants- an original substance at the beginning of a chemical reaction (usually found on the left side of a chemical equation)
7. Products- a substance at the end of a chemical reaction
8. Precipitate- a solid substance that forms and separates from a solution and shows evidence of a chemical change
9. Law of Conservation of Mass- states that the mass of an object, or collection of objects never changes, no matter how the parts are rearranged.
10. Corrosion- the deterioration of a materials or metals, as it reacts with its environment
11. Tarnish- a thin layer of corrosion that forms over copper, brass, and silver.
12. Flammability- how easily a substance is able to catch fire

*\*these words will be tested before Thanksgiving holidays*