

Notes- Physical & Chemical Changes

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Physical Change

A _____ Change is when an object _____ a physical _____.

A change in _____, shape, _____, or _____.

The object _____ is the _____ thing.

Examples of Physical Changes

_____ Paper

_____ Water

_____ Hair

_____ Brick

Chemical Change

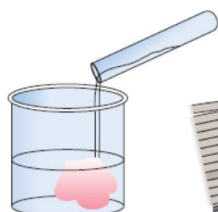
A _____ Change is a _____ in the chemical _____ of the object.

The object _____ a _____ object.

Something _____ is _____

Keys to Identifying a Chemical Change

1. _____ change
2. _____ change
3. Formation of a _____, _____, or _____.
4. Formation of a _____.



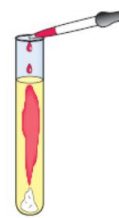
A new colour appears.



Heat, light, or sound is given off (or absorbed).



Bubbles of gas are formed. A new odour may be noticed.



A solid material (called a precipitate) forms in a liquid.



The change is difficult or impossible to reverse.

Chemical Change

Examples of Chemical Changes

- _____ exploding
- An apple _____
- _____ cookies
- Photosynthesis/Respiration
- _____
- Combustion (_____)

Chemical Reactions

- Chemical Reaction -- A _____ in which some substances _____ into different substances.
- Ex: Magnesium + _____ → Magnesium Oxide

Chemical Equations

- _____ – starting substance
- On _____ of arrow
- Products – _____ substance... what is _____.
- On _____ of arrow

• _____ → Products

