

The background features a dark blue gradient with several sets of concentric circles in a lighter blue color. The circles are arranged in a way that they overlap and create a sense of depth and movement. The text is centered horizontally and vertically.

# Physical and Chemical Changes

# What is a Physical Change?

- A physical change alters the form of a substance, but does not change it to another substance.

Example:

Making Orange Juice



# What is a Chemical Change?

- When a substance undergoes a chemical change, it is changed into a different substance with different properties.

Example:

Baking a Cake



# 5 Signs of a Chemical Change

1. Color Change
2. Precipitation

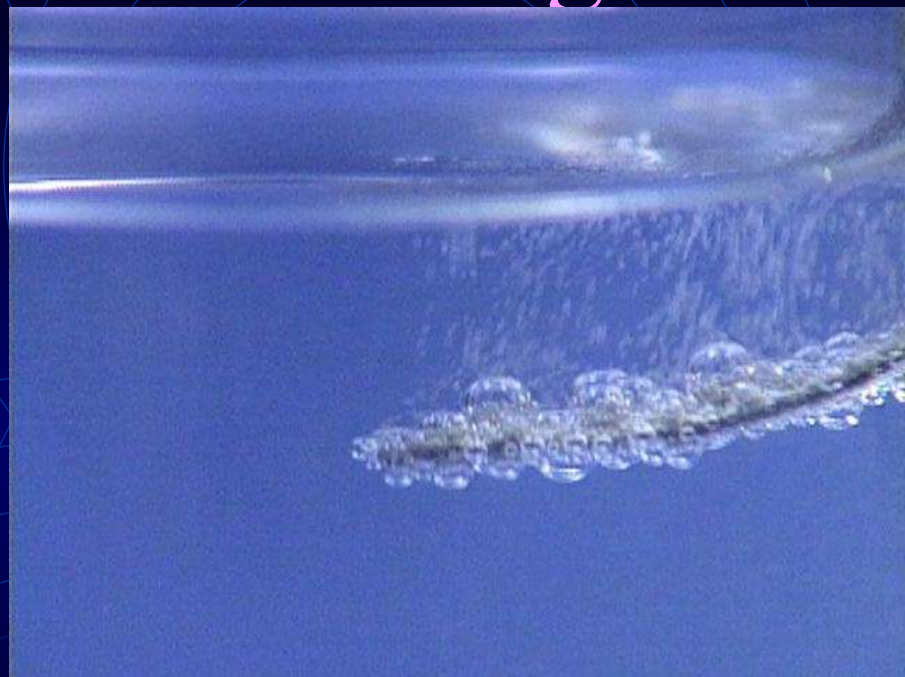


# Precipitation

- Precipitation – the solid that forms from a solution during a chemical reaction.
- It looks like a cloudy solid in an otherwise clear solution.

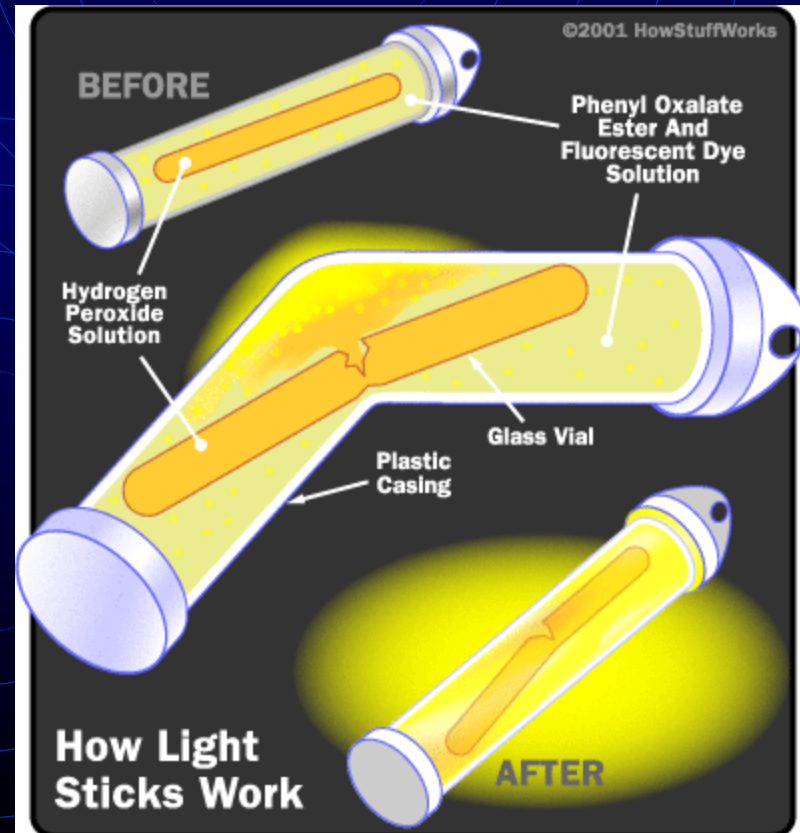
# 5 Signs of a Chemical Change

3. Gas Production
4. Temperature Change



# 5 Signs of a Chemical Change

5. Changes in Characteristic Properties  
(odor, light given off)



# Chemical or Physical Change?

- Cutting paper?
- **Physical**





# Chemical or Physical Change?

- Ice melting?
- **Physical**



# Chemical or Physical Change?

- **Toast burning?**
- **Chemical**



# Chemical or Physical Change?

- **Rocket fuel burning?**
- **Chemical**



# Chemical or Physical Change?

- Sawing wood?
- **Physical**



# Chemical or Physical Change?

- **Metal rusting?**
- **Chemical**



# Chemical or Physical Change?

- Disappearing puddle?
- **Physical**



# Chemical or Physical Change?

- Candle burning?
- Chemical



# Chemical or Physical Change?

- Dry ice?
- **Physical**

