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Grade- 8

Week 5

Subject - Science

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Embilipitiya

## Changes of Matter

The changes we experience in our day-to-day life can be divided into two types, physical changes and chemical changes.

1. What do you mean by physical changes and chemical changes?  
Write the difference between physical changes and chemical changes.
2. List out the physical changes and chemical changes for each 5 in day –to – day life.
3. Take an empty glass and put few ice cubes into it. Then keep it in the sunlight.
  1. What can you observe?
  2. Explain your observations scientifically?

4.

**The substances that get subjected to change during a chemical reaction are called reactants.**

**The new substances formed by a chemical reaction are referred as products.**

Magnesium + Oxygen  $\longrightarrow$  Magnesium Oxide

In this chemical reaction name the reactants and products.

5. How do you identify if a chemical reaction is occurred?