



STEPPING STONE  
SCHOOL (HIGH)

**CLASS : VII**

**Subject: Chemistry**  
**Topic: Physical & Chemical**  
**Change**

**Date:3/6/2020**  
**Time limit:40mins**

*Worksheet No. : 8*

*[Copy the questions and solve them on a sheet of paper date wise. Keep the worksheets ready in a file to be submitted on the opening day.]*

As we have completed our 2<sup>nd</sup> chapter , that is Physical and Chemical Change, so we will quickly review the chapter so that it will be easy for all of you to remember the chapter.

So here are some extra questions hope it will help you all to recall the chapter...Try to solve the questions.

1. Define with two example for each: Physical and chemical change
2. Burning of candle shows both physical and chemical changes.  
Explain?
3. What do you observe when:
  - a. A piece of paper is burnt
  - b. Solid ammonium chloride is heated
  - c. A spoon of sugar is heated in a pan
  - d. Quick lime is dissolved in water
4. Fill in the blanks:
  - a) A new substance is always formed in a ..... change
  - b) Melting of ice is a ..... change
  - c) Chemical change occurs as a result of .....  
between two substances
  - d) Revolution of earth around the sun is a ..... change
  - e) Growing of a seed into a plant is ..... change

**5) state whether the following are Physical or chemical changes:**

- a) Heating of water-**
- b) Growing of piglet into pig-**
- c) Water cycle in nature-**
- d) Photosynthesis-**
- e) Melting of wax-**
- f) Boiling of an egg-**
- g) Mixing of oil with water-**

**6) True or False**

- a) Cutting of paper into pieces is a chemical-**
- b) Rusting of iron is a chemical change'**
- c) Earthquake is desirable change**
- d) Melting of ice is a physical change-**
- e) Burning of sugar is a temporary change-**

**7) Differentiate between the following:**

- a) Desirable and Undesirable change**
- b) Slow and fast change**
- c) Periodic & non – periodic change**

**8) Name the following:**

- a) The products obtained during photosynthesis- which is chemical change**
- b) The term involved in the change of state from- water to ice- which is a physical change**
- c) The final product physical change involved during melting of piece of wax**
- d) The type of change of physical or chemical involved- during respiration in human beings**
  - e) The type of change physical or chemical involved- when a substance under goes a change in state, colour or size.**