

LN - 6 : CHANGES AROUND US : Key points – 3

1. TYPES OF CHANGES :

- a) Reversible and irreversible changes
- b) Fast and slow changes
- c) Physical and chemical changes

2. **Fast Change** : A change which takes place over a short duration of time. Eg : Burning of paper, Stretching of rubber band, blowing of balloons and bursting crackers.

3. **Slow change** : A change which take a longer duration of time to complete. Eg : plant growth, formation of day and night, rusting of iron, ripening of fruits.

4. **Physical Change** : A temporary change in which no new substance is formed, changes happened in the size, shape, colour, state of matter (solid → liquid → gas). Eg . Melting of ice, tearing of papers, dissolution of salt in water, glowing of electric bulb.

5. **Chemical change** : A permanent change in which new substances is formed. Eg : Formation of curd from milk, rusting of iron, cooking the food.

6. **Melting of wax** : It shows both reversible and irreversible change.
- a) Melting of wax (in a pan / metal bowl) – Reversible change
 - b) Size and shape of the candle – Irreversible change.
 - c) Melting of wax – Physical change
 - d) Giving light / flame – Chemical change.



7. Changes in everyday life :

- a) Burning of incense stick / Match stick –
- b) Dissolving sugar in water –
- c) Boiling of milk –
- d) Curdling of milk –
- e) Deforestation –
- f) Drying of clothes –

***HOME WORK** : Complete book back exercises . (page no. 51)