

## CLASS VI

## SCIENCE

### CHAPTER 6

### CHANGES AROUND US

#### HOTs Questions

1. In preparation of recipes at home, identify any two changes that
  - a) Can be reversed
  - b) Cannot be reversed.
2. Do the changes occur when two substances are mixed together? Give two examples of such changes - one reversible and one irreversible.
3. Why do water pipes usually crack in winter?
4. How does a blacksmith change a piece of iron into different tools? What type of change occurs in iron?
5. When you light a candle, the wick burns and the wax melts. Are these two changes similar? Explain.
6. Rohit wrote a secret message on paper with lemon juice. He let the paper dry completely and message disappeared (Process A). He asked his friend to gently heat the paper (taking care that it does not catch fire) to see the message (Process B). What type of change occurs in both the processes?

7. Your mother is struggling with steel vessels that get stuck with one another. How will you help her to separate the vessels?

8. Plants prepare their food by photosynthesis. What type of change is this?

9. i) Changing of milk into curd

ii) Hot milk becoming cold milk

How are these changes different from each other?

10. Why small gaps are left between the railway tracks?