

## **NCERT SOLUTIONS- CHANGES AROUND US**

NCERT Solutions for Class 6 Science Chapter 6 Changes Around Us is the essential study material needed to perfect Changes Around Us topics. The NCERT Class 6 Science solutions provided here correctly answer NCERT textbook questions. Solutions curated in a comprehensive manner will help students understand the subtopics in this chapter in a better way.

## **IMPORTANT SUB-TOPICS MENTIONED IN THE NCERT CLASS 6 SCIENCE CHAPTER 6 CHANGES AROUND US:**

NCERT Solutions for Class 6 Science Chapter 6 Changes Around Us has the following sub-topics as given below:

Sr. no	Topics
1.	Can all changes always be reversed?
2.	Could there be other ways to bring a change?

## **NCERT SOLUTIONS CLASS 6 SCIENCE CHAPTER 6 CHANGES AROUND US:**

- 1. To walk through a waterlogged area, you usually shorten the length of your dress by folding it. Can this change be reversed?**

ANS- Yes, you can reverse the change by unfolding the dress.

- 2. You accidentally dropped your favourite toy and broke it. This is a change you did not want. Can this change be reversed?**

ANS-No, the change cannot be reversed.

- 3. Some changes are listed in the following table. For each change, write in the blank column, whether the change can be reversed or not.**

S.No	Change	Can be reversed (Yes/No)
1.	The sawing of a piece of wood	
2.	The melting of ice candy	
3.	Dissolving of sugar in water	
4.	The cooking of food	
5.	The ripening of a mango	
6.	Souring of milk	

ANS-

- a. No
- b. Yes

- c. Yes
- d. No
- e. No
- f. No

**4. A drawing sheet changes when you draw a picture on it. Can you reverse this change?**

ANS- No, if you draw on the sheet with a pen or oil paint, it cannot be reversed. But, if you use a soft pencil to draw on the sheet, you can reverse it by erasing it.

**5. Give examples to explain the difference between changes that can or cannot be reversed.**

ANS- Examples of reversible and irreversible changes are as follows:

Reversible Changes	Irreversible Changes
<ol style="list-style-type: none"><li>1. Glowing of an electric bulb</li><li>2. Distillation of liquid</li><li>3. Sublimation</li><li>4. Closing of mimosa (touch me not) on touching and opening when removing the touch</li></ol>	<ol style="list-style-type: none"><li>1. Burning of paper or wood</li><li>2. Rusting of iron</li><li>3. Making curd from milk</li><li>4. Growth of plants and animals.</li></ol>

**6. A thick coating of a paste of Plaster of Paris (POP) is applied over the bandage on a fractured bone. It becomes hard on drying to keep the fractured bone immobilised. Can the change in POP be reversed?**

ANS- No, the change in POP cannot be reversed as it is an irreversible chemical change.

**7. A bag of cement lying in the open gets wet due to rain during the night. The next day the sun shines brightly. Do you think the changes, that have occurred in the cement, could be reversed?**

ANS- No, they are irreversible chemical changes.