

NCERT Solutions

Class-VI (CHAPTER-06) CHANGES AROUND US

Questions

1. To walk through a waterlogged area, you usually shorten the length of your dress by folding it. Can this change be reversed?
2. You accidentally dropped your favorite toy and broke it. This is a change you did not want. Can this change 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 sugar in water	
4.	The cooking of food	
5.	The ripening of mango	
6.	Souring of milk	

4. A drawing sheet changes when you draw a picture on it. Can you reverse this change?
5. Give example to explain the difference between changes that can or cannot be reversed.
6. A thick coating of paste of Plaster of Paris is applied over the bandage on a fractured bone. It becomes hard on drying to keep the fractured bone immobilized. Can the change in POP be reversed?
7. A bag of cement lying in the open gets wet due to rain during night. The next day the sun shines brightly. Do you think the change which have occurred in the cement could be reversed?

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Answers

1. Yes, this can be reversed.
2. No, this change cannot be reversed.
- 3.

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1.	The sawing of a piece of wood.	No
2.	The melting of ice candy	Yes
3.	Dissolving sugar in water	Yes
4.	The cooking of food	No
5.	The ripening of mango	No
6.	Souring of milk	No

4. If the picture is drawn with a pencil, then it can be erased; hence change can be reversed. But if the picture is drawn with colours, the change cannot be reversed.
5. Some changes can be reversed like:
 - (i) Filing glass with water
 - (ii) Opening/ closing doorOther changes cannot be reversed, like:
 - (i) Curdling of milk
 - (ii) Ripening of fruit.
6. No, the change in plaster of Paris cannot be reversed.
7. No, the changes which have occurred in the cement cannot be reversed.