



**INDIAN SCHOOL DARSAIT
DEPARTMENT OF SCIENCE**



Subject: Science	Topic: CHANGES AROUND US	Date of Worksheet: 7/8/18
Resource Person: Mrs. Saritha Kishore		Date: _____
Name : _____	Class & Div: _____	Roll No: _____

I	<p>Classify the following as reversible or irreversible changes.</p> <table border="1" style="width: 100%;"><thead><tr><th style="width: 33%;">Change</th><th style="width: 33%;">Irreversible change</th><th style="width: 33%;">Reversible change</th></tr></thead><tbody><tr><td>1.Growth of a plant</td><td></td><td></td></tr><tr><td>2.Pupa changing into a colourful butterfly</td><td></td><td></td></tr><tr><td>3.Falling of rain</td><td></td><td></td></tr><tr><td>4.Pulling of rubber string</td><td></td><td></td></tr><tr><td>5.Growing old</td><td></td><td></td></tr><tr><td>6.Glowing of an electric bulb</td><td></td><td></td></tr><tr><td>7.Change of season</td><td></td><td></td></tr><tr><td>8.Germination of a seed</td><td></td><td></td></tr><tr><td>9.Baking of cake</td><td></td><td></td></tr><tr><td>10.Fog on the surface of glass</td><td></td><td></td></tr></tbody></table>	Change	Irreversible change	Reversible change	1.Growth of a plant			2.Pupa changing into a colourful butterfly			3.Falling of rain			4.Pulling of rubber string			5.Growing old			6.Glowing of an electric bulb			7.Change of season			8.Germination of a seed			9.Baking of cake			10.Fog on the surface of glass			
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II	<p>Mark (\rightarrow) for irreversible and (\leftrightarrow) for reversible change</p> <table style="width: 100%;"><tr><td style="width: 33%;">1.Paper</td><td style="width: 10%;">()</td><td style="width: 57%;">burnt paper</td></tr><tr><td>2.Rice grain</td><td>()</td><td>cooked rice</td></tr><tr><td>3.Organic matter</td><td>()</td><td>compost</td></tr><tr><td>4.Chocolate cubes</td><td>()</td><td>melted chocolate</td></tr><tr><td>5.Puppy</td><td>()</td><td>dog</td></tr></table>	1.Paper	()	burnt paper	2.Rice grain	()	cooked rice	3.Organic matter	()	compost	4.Chocolate cubes	()	melted chocolate	5.Puppy	()	dog																			
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III	<p>Write true (T) or false (F) against the following statements in the given brackets:</p> <p>1. Digestion of food is an irreversible change. ()</p> <p>2. Rusting of Iron is a reversible change. ()</p> <p>3. Melting of ice cream is a reversible change. ()</p>	
IV	<p>Fill in the blanks</p> <p>1. A change which cannot be reversed is called _____.</p> <p>2. Curdling of milk is an _____ change.</p> <p>3. Absorption of water by a sponge is an example of _____ change.</p>	
V	<p>Complete the following analogy:</p> <p>1. Reversible : Irreversible :: _____ : Ripening of fruit.</p> <p>2. Burning of candle : Melting of wax :: Irreversible : _____.</p>	
VI	<p>Answer the following</p>	
1.	<p>A mercury thermometer is used to measure temperature. Give reason</p>	
2.	<p>A tight metallic bottle lid on a glass bottle can be opened easily if immersed in hot water for some time. Give reason</p>	
3	<p>A potter gives clay the shape of pots. He bakes these pots in an oven. Can the potter get back the raw clay?</p>	
4	<p>Why does a glass tumbler containing hot water crack when placed under cold water? Is this process reversible or irreversible?</p>	
5	<p>In recycling, the bits of paper can be changed back to paper though it won't be exactly the same in its appearance. Can we call it a reversible change?</p>	
6.	<p>Give examples to explain the difference between changes that can or cannot be reversed.</p>	

