

Chapter 6 : Understanding Changes In A Fun-Filled Way

Curricular Goal :

C.G 1: Explore the world of matter and its constituents, properties and behaviour.

Competencies :

C-1.2: Describes changes in matter (physical and chemical change) and uses the particulate nature to represent the properties of matter and the changes.

Learning Outcomes :

1. Describe changes that are taking place around us.
2. Perform a simple activity to find out if such changes are reversible or irreversible.

STORY 6: UNDERSTANDING CHANGES IN A FUN-FILLED WAY

Thoibi loves drawing pictures. One day while she was sketching...



...Thona, her mischievous brother, came running and snatched her sketch.



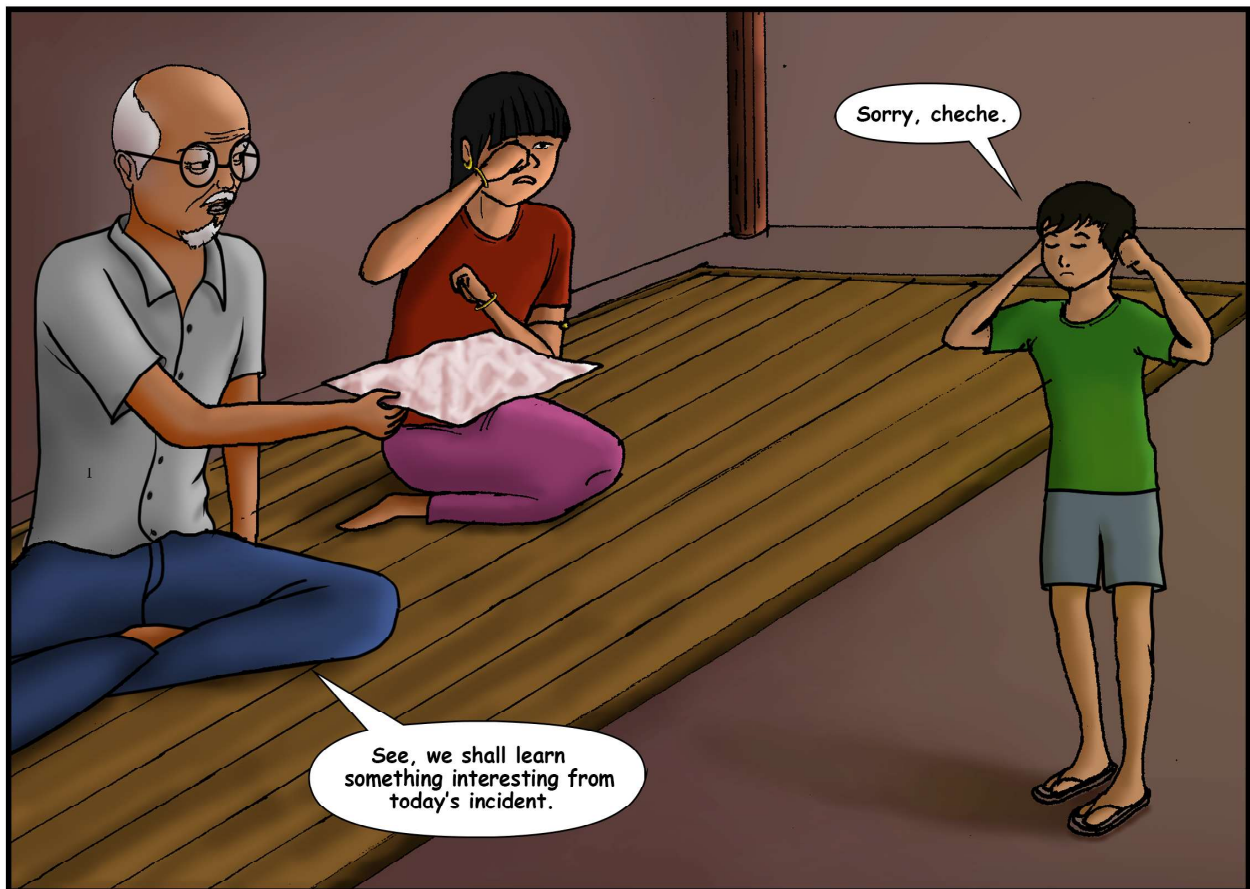
Thouna crumpled the paper. Chaoba (Grandfather) enters.

Thouna, say sorry
to cheche Thoibi..
Don't do that again.



Sorry, cheche.

See, we shall learn
something interesting from
today's incident.

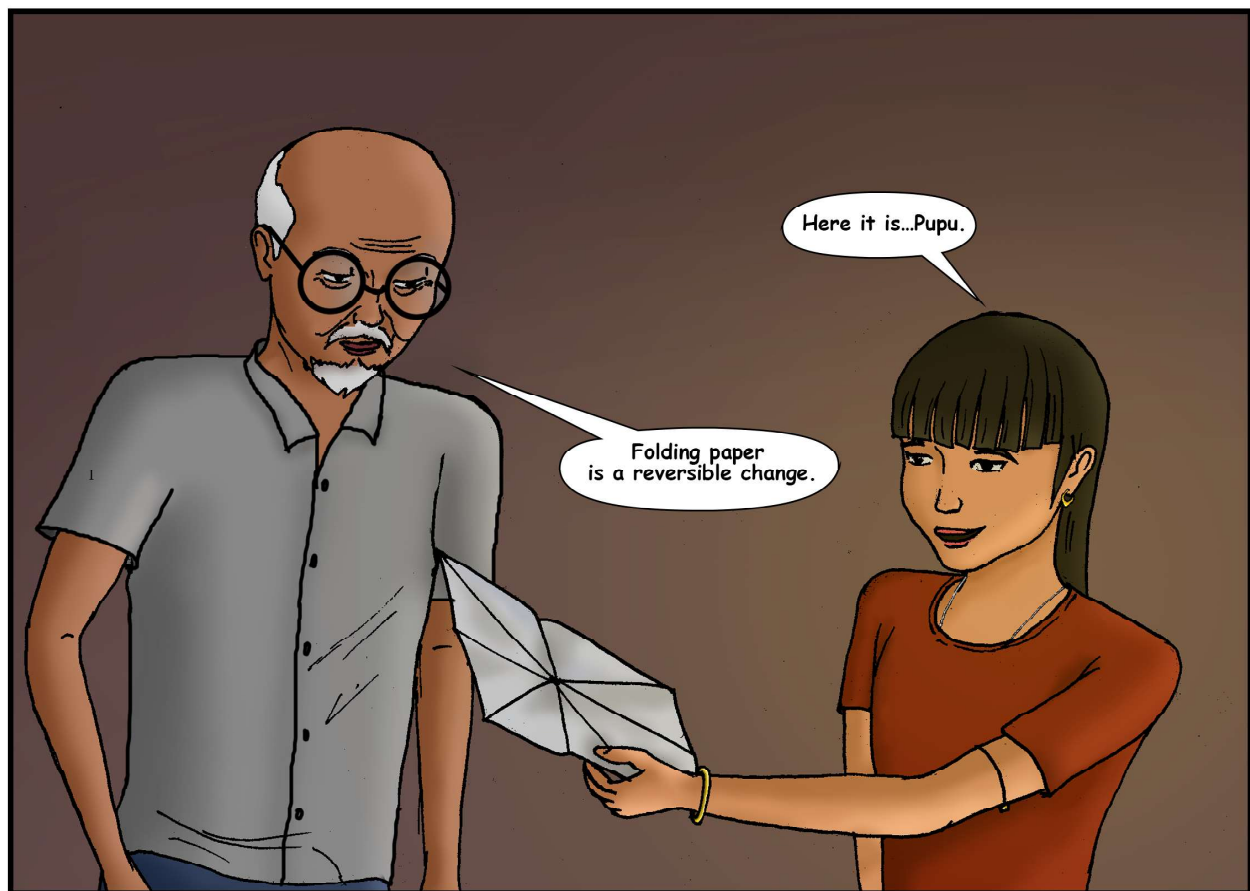




Chaoba threw a piece of paper in the fire.



Thoibi showing a paper plane to her grandfather.



Thoiba took some wax and heated it.

Now Thoibi, can you tell me the difference between a lighted candle and heating wax.

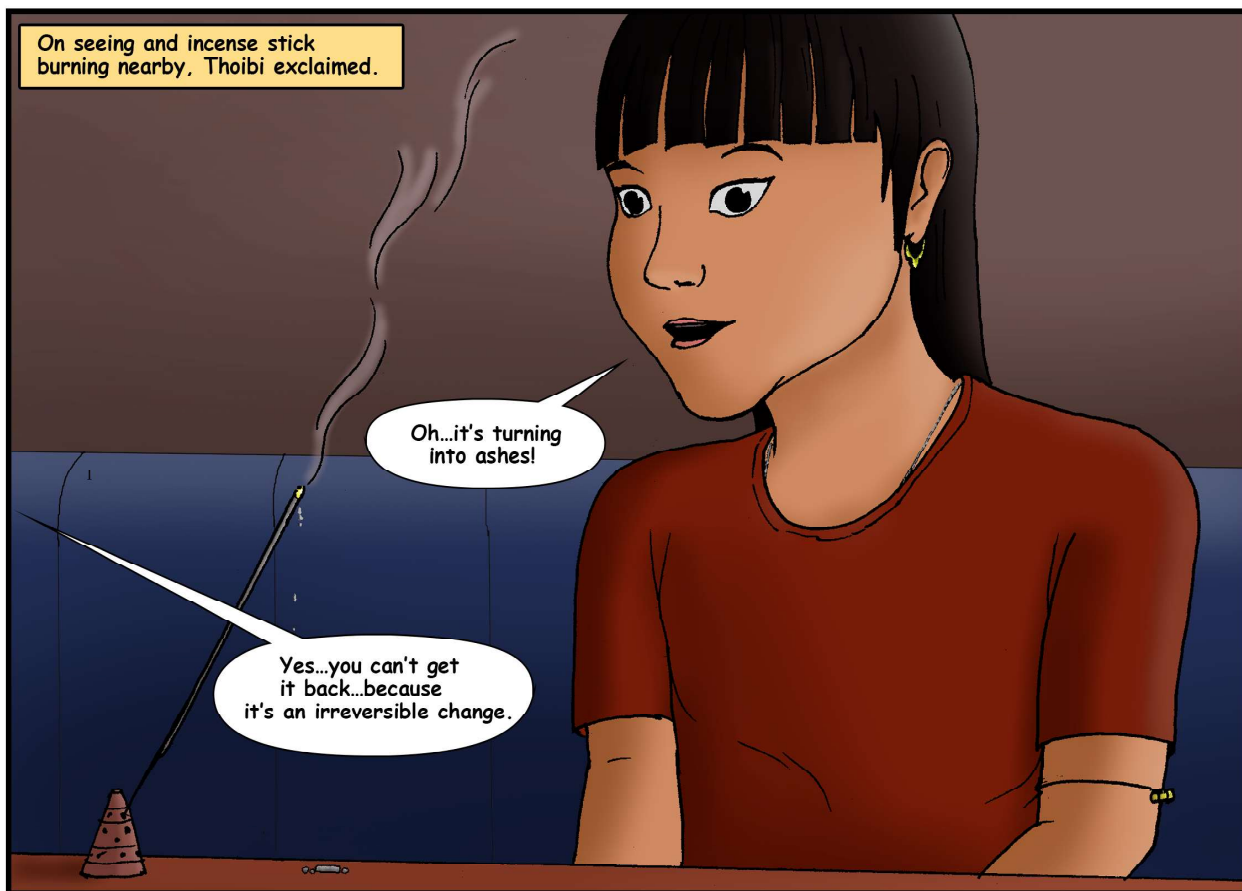


Ummm... melting wax is a reversible change and burning candle an irreversible one.

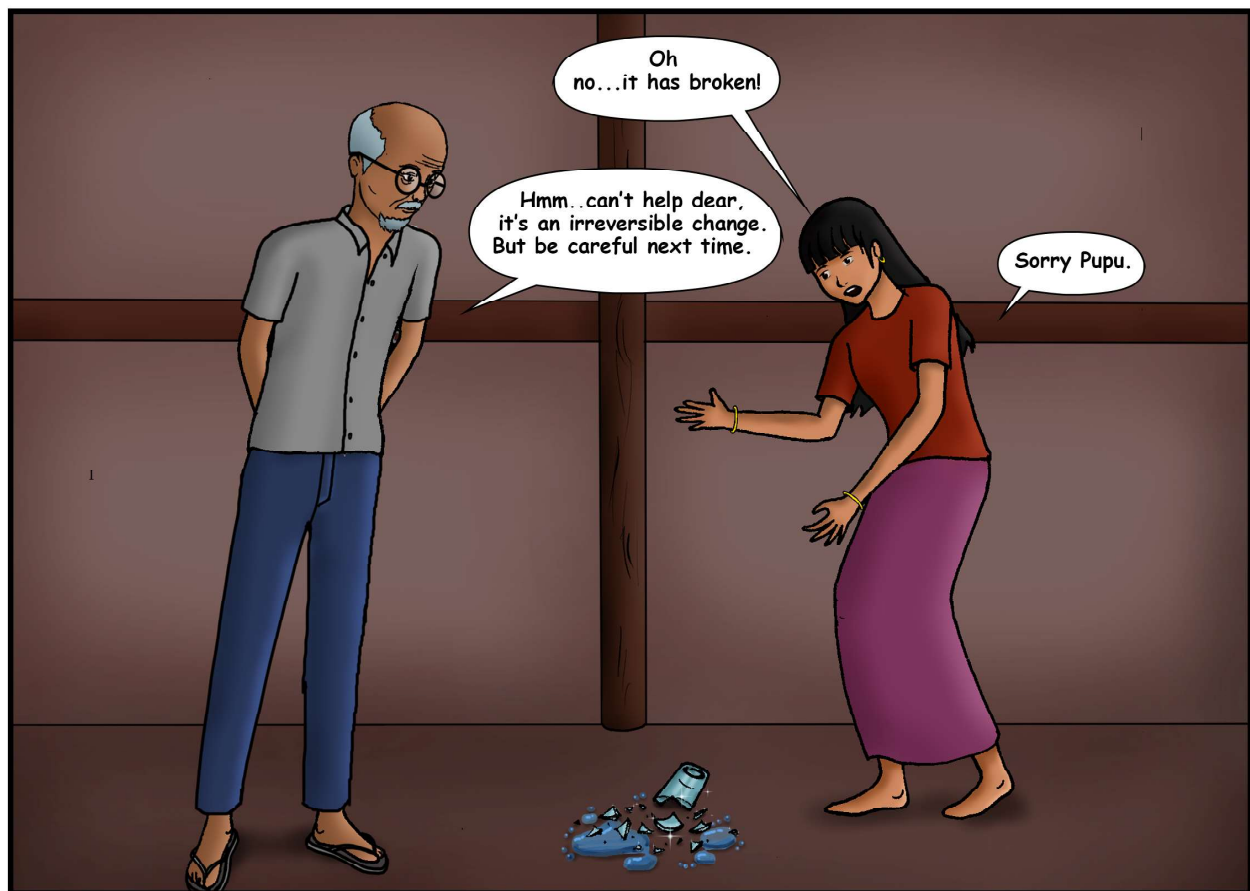
On seeing an incense stick burning nearby, Thoibi exclaimed.

Oh...it's turning into ashes!

Yes...you can't get it back...because it's an irreversible change.



Thouna, looking upset, enters with a melted chocolate.





Activity

1 Which of the following changes cannot be reversed?

- a. Frying fish
- b. Turning milk into curd
- c. Rolling a ball of dough for making chapati
- d. Blowing a balloon
- e. Cooking rice
- f. Making an omelet from eggs
- g. Ice into water
- h. Burning of trees during a forest fire.