



THINK OUTSIDE THE BOX

Students' Scaffolding Series
CREATIVE THINKING

Pre session Activity: Thinking Out of Box

A pencil box has 8 pencils and there are 8 students in the class.

Now, each student is given one pencil.

How can there be one pencil still left in the pencil box?



Thinking Questions

Now,

There are 8 pencils in the pencil box . Eight students each took one of the pencils. How can it be that one pencil is left in the Pencil box? Suggest your option.

- a) Not possible.
- b) There is a possibility.
- c) I am not able to get any idea.
- d) May be there is a possibility ,but I don't think so.
- e) I am still thinking.

How many of you want to go with option (b)?
Those who think there is a possibility, tell how?

**The last student
took the pencil box
with pencil in it!!**



Learning Outcomes

- What is creative thinking?
- How to develop creative thinking skills?

What is Creative Thinking?

- Creative thinking is the ability to come up with **new approaches and ideas**.
- It is also the ability to generate new ideas by **combining, changing and reapplying the existing ideas**.



- If you are a creative thinker, you will know that there is always a **scope for improvement**.

Icebreaking Activity



Have you ever seen a leaking tap where water is falling from the tap drop by drop?

Think of some ways where you can convince people that each drop of water is important and thousands of liters of water is lost even from a single leaking tap.



- Assume 1 drop of water falls each second.
- Find number of drops that fall in one hour and then in one day.
- Find number of drops that fall in one year.
- Assume 1 drop is equal to 1 ml of water.
- Find the quantity of water lost by all drops in 1 year (more than 30000 litres).

Reflection

In this activity, what did you notice?

- Leaking tap is a common sight.
- How many of us actually bother about this drop by drop water loss?
- Did any one of us ever realise such a huge quantity of water is lost just from a single leaking tap.

A creative thinker looks at things from a different angle!

Qualities of a Creative Thinker

- *A creative thinker never gives up.*
- *A creative thinker looks for all possibilities.*
- *A creative thinker is always optimistic.*
- *A creative thinker knows that there is a scope for improvement.*

Each one of us has substantial amount of creative thinking. Let us see an example of this!!

Quiz Questions on the Video

1. What skills are being highlighted in this video in context with the topic of this presentation?
 - a. Importance of steam engine
 - b. Life history
 - c. Creative thinking
 - d. Inspirational story

2. Creative thinking involves looking at something in a new way. It is the very definition of '**thinking outside the box**'.
 - a. True
 - b. False

3. Which of the following products are not an example of **creative thinking** by a non professional.



a.



b.



c.



d.

Activity: How CREATIVE you are?

All the participants to be divided into small groups.

Now, each group will write a short story with the help of the given words.

Lion, village, group of boys, fire, lots of food, monkey

Take 5 to 6 minutes to think, discuss within your group and be ready with your story!



Task sheet

All of us know about environment pollution.

Our Government needs our support to stop this pollution.

We hear that we should not use articles made of plastic as these are a danger for our environment.

- *Write three ways where you can replace use of plastics.*

Trees/ plants are important for us.

- *Write two ways by which you can save trees/plants?*



