

## Rain water harvesting

### Objective

- (i) To understand the importance of water.
- (ii) To participate in spreading awareness campaigns about rain water harvesting.

### Background

There cannot be life without water. Rain and snowfall are the two sources of fresh water which replenish underground water, lakes, rivers, and other water bodies. But a lot of rainwater also goes waste. Water being a scarce resource, and its ever increasing use with the growing population and development, it needs to be utilised judiciously. Every drop of water is precious and one of the ways to meet the growing demand for water is through rainwater harvesting.



### Methodology

1. Find out different methods of rainwater harvesting in different parts of the country from different sources like magazines, newspapers, internet, etc.
2. Find out the current methods of water harvesting practised in your state.
3. Compare two households/localities one practising rainwater harvesting and the other not, in terms of water availability for domestic purposes.

### Conclusion

1. We cannot manage our daily routine without water. We know that water is very precious. Hence using water carefully is

saving our water resources. We knew that water is a precious resource. If we have a habit of water saving, it leads to conservation of water resources. These simple actions gives maximum results.

Let's think what else can we do to save the rain water.

Let's divert the rain water to the plants in the kitchen garden instead of leaving it into the streets and canals through water pipes.

Let's arrange water harvesting pits in houses, streets and schools.

Lets store the rain water in cans and use them for house hold purposes. Through water is available in our houses, we can save power by doing like this.

Let us see some other water saving habits.

- Do not touch glass tumbler to your mouth while drinking water. If not, another glass of water is required to wash the glass tumbler.
- Wash your hands and legs at a plant or tree. That water is useful to the plant.
- If we wash our clothes by using mild soaps, that water may be useful for kitchen garden. Keep used water in a bucket for sometime to settle down soap particles. This water may useful in toilets.
- Water from bathrooms also useful for kitchen garden.

Write a report based on the information that you have collected.

### Follow-up

1. Based on your comparative study of different rainwater harvesting methods, recommend the most suitable method for your area.
2. Advocate the practice of rainwater harvesting in your school/home/ locality.
3. Why should we store rain water ? If we do ot store what will happen ? What is your action plan to store the water ?