

## ACTIVITY-1

### Aim of the Experiment :-

To separate good seeds from bad seeds.

### Materials required :-

A beaker, some water and some seeds

### Procedure :-

1. Take some seeds.
2. Put the seeds into a beaker full of water.

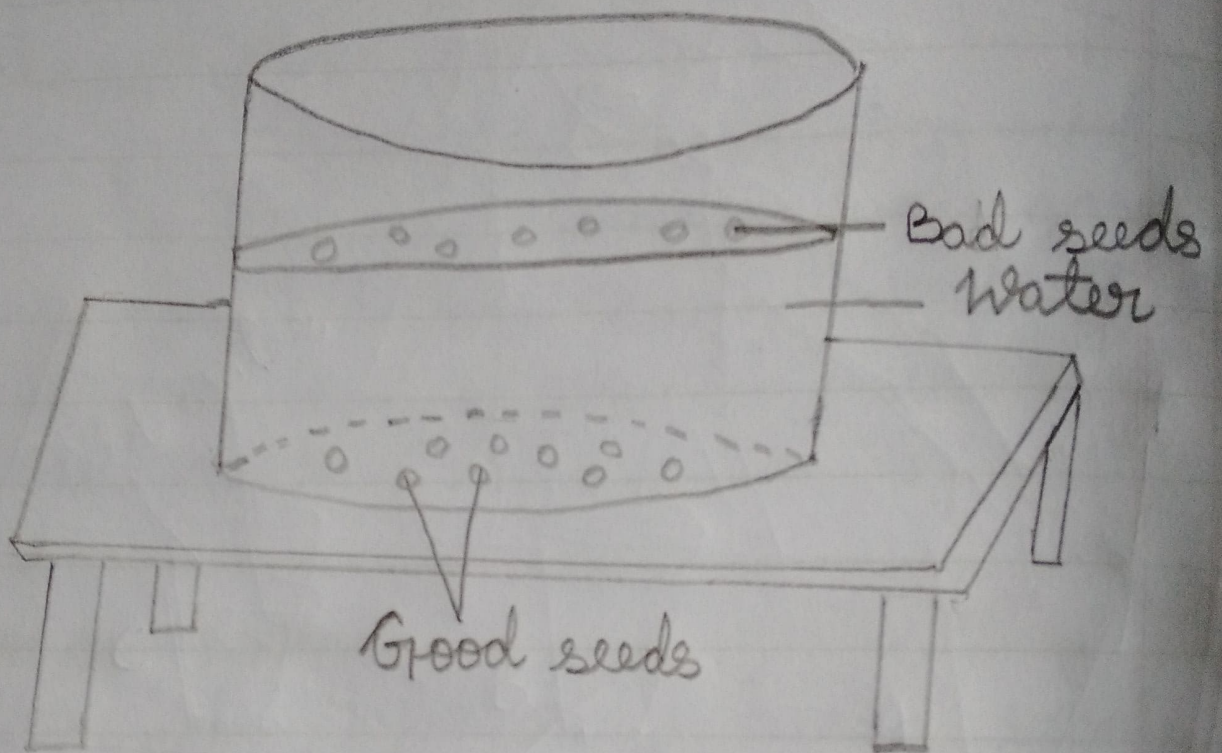
### Observation :-

We observe that some of the seeds sink in water and a few seeds stay afloat.

### Conclusion :-

From the above experiment we conclude that the seeds that remain afloat are bad ones and those which sink to the bottom are the good seeds. This method helps us to separate the good seeds from the bad ones.







## ACTIVITY-2

### Aim of the Experiment :-

To understand the hotness or coldness of a substance is a relative term.

### Materials required :-

Three glasses, A, B and C containing hot water, lukewarm water and cold water.

### Procedure :-

1. Take three glasses, A, B and C. Glass A contains hot water, glass B contains lukewarm water and glass C contains cold water.
2. Then put ~~you~~ one of your fingers in glass A and a finger of the other hand in glass C for some time. Then put both fingers in glass B.

### Observation :-

We will feel that different senses in our two fingers. The water in glass B feels warmer and the water in glass C feels colder.

**Conclusion :-** We conclude that, the hotness or coldness of a substance is a relative term.



# ACTIVITY-3

Aim of the Experiment:-

To experiment on the effect of temperature on the rate of germination.

Materials:-

A beaker, 3 glass beakers, 3 cotton bags, 3 seeds, 3 pieces of moist paper.

Procedure:-

1. Take 3 glass beakers and label them A, B and C.

2. Fill beaker A with hot water, B with lukewarm water and C with cold water.

3. Take 3 cotton bags and place 1 seed in each bag.

4. Place the bags in the beakers A, B and C.

5. Cover the beakers with a lid.

6. Observe the seeds after 24 hours.

7. Record the results.

8. Repeat the experiment for 2 more days.

9. Write a report on the experiment.

10. Discuss the results with your teacher.

11. Conclude the experiment.

