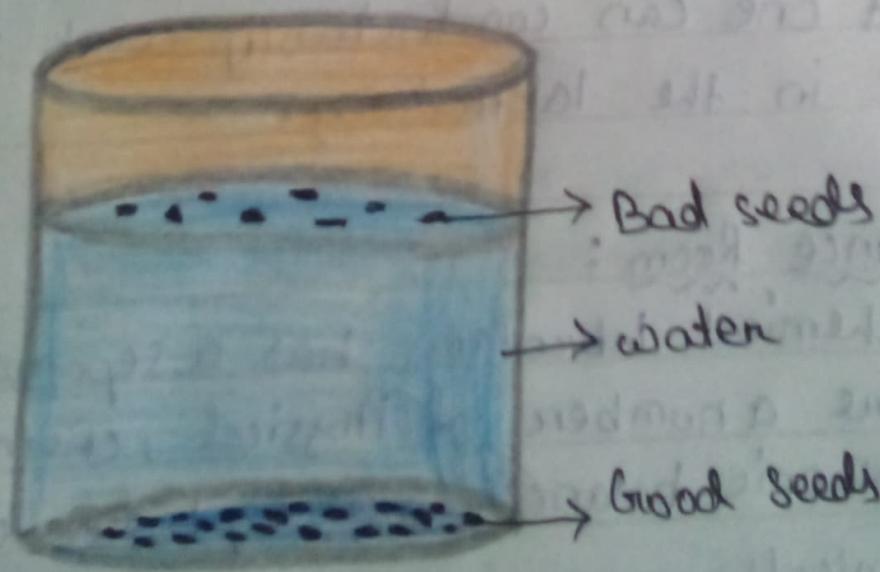


## Activity 1

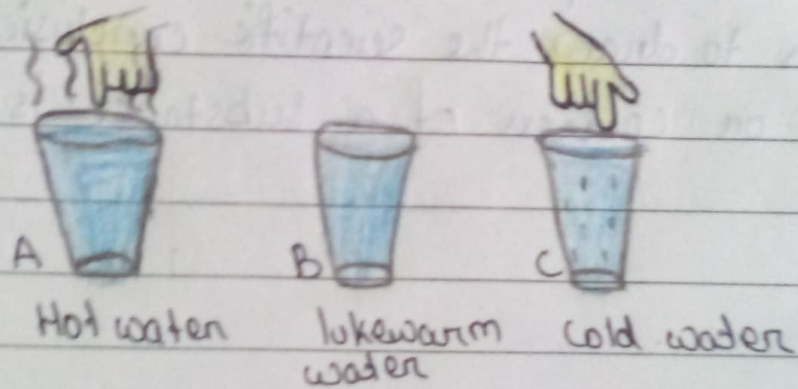
A farmer puts some seeds into a beaker full of water. He observes that most of the seeds sink and a few seeds stay afloat. It is believed that the seeds that remain afloat are bad ones and those which sink to the bottom are the good seeds. This method helps farmers to separate the good seeds from the bad ones. Such separation is possible only because of proper and careful observation.



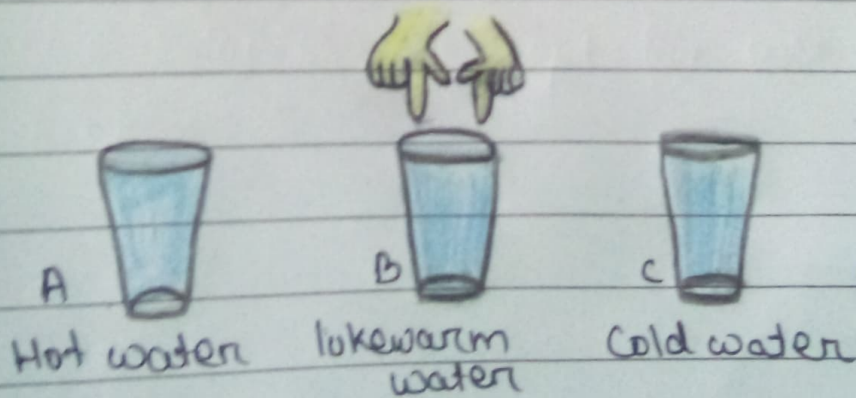
Good seeds sink but bad seeds float.

### Activity 2

→ Take three glasses A, B and C. Glass A contains hot water, glass B contains lukewarm water and glass C contains cold water. Put one of your fingers in glass A and another one finger in glass C.



→ Now, put both fingers in glass B.





Experiment

→ How do you feel ?  
You will feel different sensation in your two fingers.  
The water in glass B feels warmer to the finger kept in cold water in glass C. Whereas it feels cooler to the finger kept in hot water in glass A. This is an experiment carried out to understand a particular phenomenon. This sample activity helps us to draw the scientific conclusion that the hotness or coldness of a substance is a relative term.

