



GOOD SEEDS SINK BUT  
BAD SEEDS FLOAT

## Activity 1

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

only because of proper and careful observation.

### Activity 2

Take three glass, A, B, C. Glass A contains hot water, glass B has lukewarm water and glass C contains ~~at~~ cold water. Put one of your fingers in glass A and a finger of the ~~water~~ other hand in glass C for ~~some~~ some time. Now, put both fingers in glass B

Activity 1

A farmer puts some seeds into

the soil.

observes that most of the seeds

do not grow.

It is believed that the seeds

do not grow because they are



COLD WATER



LUKEWARM WATER



HOT WATER

of these

What do you feel?

You will feel different sensations in your two fingers. The water in glass B feels warmer to the fingers 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 simple activity helps us to draw the scientific conclusion that the hotness or coldness of a substance is a relative term.