



Bad
Seeds

water

Good Seeds

Activity 1

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

is possible only because of proper and
care observation.

Activity

Take three glasses, A, B and C.

Glass A contains hot water, glass

B has lukewarm water and glass

C contains cold water. Put one

of your fingers in glass A and a

finger of the other hand in glass
C for some time. Now, put both

fingers in glass B.

What 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 simple activity helps us to draw the scientific conclusion that the hotness or coldness of a substance is a relative term.