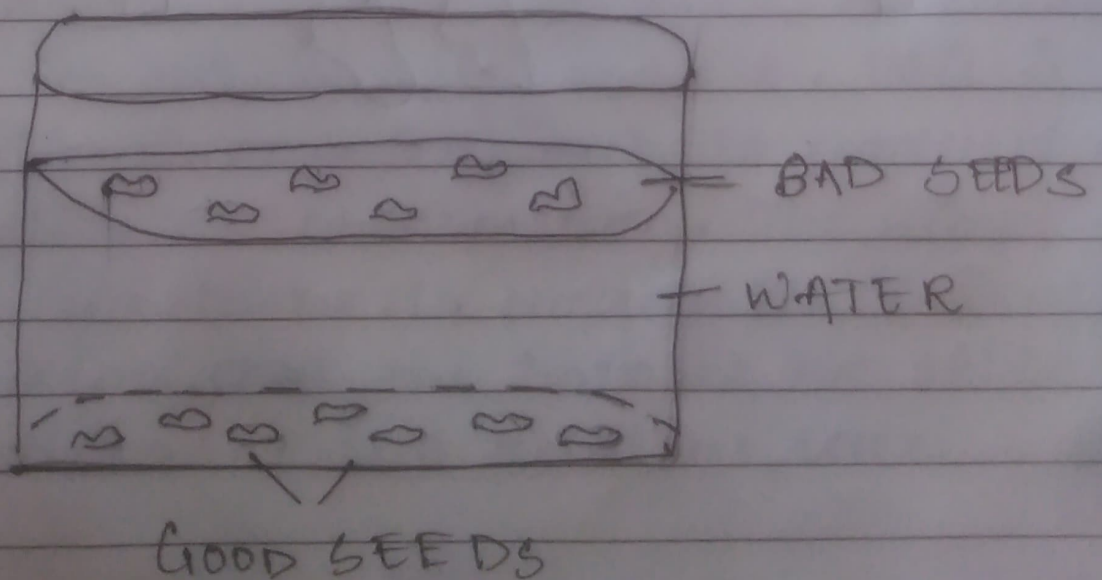


11/5/21

(2) COMMON LABORATORY APPARATUS AND EQUIPMENTS :

Activity - 1

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



GOOD SEED SINK BUT BAD SEED FLOAT

→ Activity 2

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

Q What do you feel?

You will feel different sensations 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 kept in hot waterⁱⁿ glass A. This is an experiment carried out to understand a particular phenomenon. The simple activity help us to draw the scientific conclusion that the hotness or coldness of a substance is a relative term.

SCIENCE

SCIENCE LABORATORY EXPERIMENT AND EXPERIMENTS



AND STATE

WATER