

Activity 1

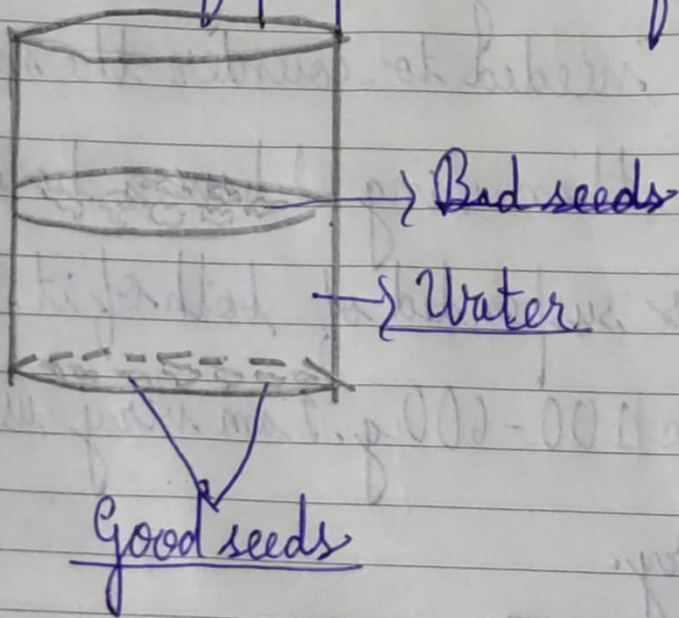
A farmer puts some seeds into a beaker full of water.

He observes that most of the seeds

sink and a few seeds stay afloat.

June													2020	
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	
	1	2	3	4	5	6	7	8	9	10	11	12	13	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	
28	29	30												

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.



Activity 2

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

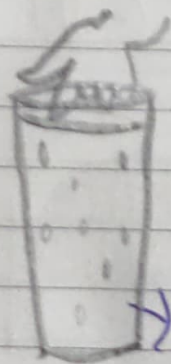
May												2020	
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31						

May
2020

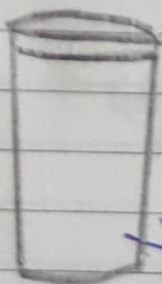
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WK 22 (151-215) ♦ Saturday

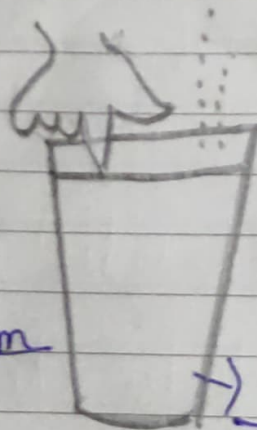
finger of the other hand in glass C for sometimes.
Now, put both fingers in glass B. you will feel different sensations in your two fingers. The water in glass B feels warmer to the finger kept in cold water in glass C. Whereas it feels cooler to the finger kept in hot water in glass A. This is an experiment 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.



→ Cold water



→ Lukewarm water



→ Hot Water

June 2020

Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7	8	9	10	11	12	13	
14	15	16	17	18	19	20	21	22	23	24	25	26	27
28	29	30											

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