

Chapter – 5

Seeds and seeds

Answer the following :-

1. What things are soaked before cooking in your house? Why?

Answer: Here are few items which we soak before cooking are soya bean, pulses, chana, rajma etc. These are soaked because it softens and makes it easier for grinding.

2. What things do you eat after sprouting? How are they sprouted? How much time does it take?

Answer: After sprouting we can eat items like Chana, moong etc. We can sprout them by soaking it in water and then by wrapping it in wet cloth so that they get proper water and air. Chana takes around 36-48 hours in sprouting and moong takes around 24-36 hours.

3. Has the doctor or someone you know ever told you to eat sprouts? Why?

Answer: Yes, doctor has advised me to eat sprouts so that it is good for health.

4. In which bowl did the seeds sprout? What difference did you see between this bowl and the other bowls?

Answer: Seeds sprouted only in bowl 2. We noticed that in bowl 2 its seeds got sufficient air and water so it sprouted. In the other two bowls, bowl 1 got only water and bowl 3 got no air nor water so it did not sprout.

5. Why did Gopal's mother tie the Chana in a damp cloth?

Answer: Gopal's mother tied the Chana in a damp cloth so that seeds could get proper air and water to sprout.

6. How long did it take for the plant to come out from the soil?

Answer: The Plant took almost a week to come out of the soil.

7. What was the difference in the height of the plant on the first and second day?

Answer: The height of the plant on the first day to the second day has increased by half a centimetre.

8. On which day did the height of the plant increase the most?

Answer: The height of the plant increased the most on the third day.

9. Did new leaves come out of the plant every day?

Answer: Yes, new leaves came out of the plant every day.

10. Was there any change in the stem of the plant?

Answer: Yes, the stem became thicker and stronger each day passed by.

11. Which seeds took the most number of days for the stem to come out of the soil?

Answer: Seeds of sesame took the most number of days for the stem to come out of the soil.

12. Which seeds took the least days to come out of the soil?

Answer: Seeds of mustard took the least days to come out of the soil.

13. Which seeds did not grow at all? Why?

Answer: Seeds require both water and air. If both are not present then no seed will develop.

14. Did anyone's plant dry up or turn yellow? Why did this happen?

Answer: Yes, few students plant dried up or turned yellow since there was no proper water or air.

15. What would happen if the plants do not get water?

Answer: If the plants did not get water then it will get dried up.

16. What is inside the seed?

Answer: Inside the seeds there exists a cotyledons and embryo.

17. How does a big plant grow from a tiny seed?

Answer: The seeds by absorbing water and nutrients from the soil, grows to be a big plant.

H.W

1. How many types of seeds can you collect? Where will you find them? Each of you should try to collect as many different types of seeds as you can. After that, put all the seed collections together. Now observe these seeds carefully – their shapes, sizes, colours, textures (smooth or rough). Make a seed chart to put up in the class. You can start with a table like this.

Name of the seed	Colour	Texture

Make list of :-

Q1. Seeds that are used as spices in your home.

Q2. Seeds of vegetables.

Q3. Seeds of fruits.

Q4. Light seeds (check by blowing them).

Q5. Seeds which are flat.

Q6. Make more groups. How many groups of seeds did you make?