

You know the factors essential for the growth of a plant...

Air Manure
Water Sunlight

Observe the picture....

What do the children doing?



See how happily these children maintain their vegetable garden. Don't you think their minds also blossom and yield when each plant blossoms and yield?

Activity :1

Do you maintain the vegetable garden at home or in your school?

a. Write the activities you have done from the sowing the seeds to yield crops.....

.....
.....



Did you listen to what Babu said? Why, do you think, the plant did not produce more fruits?

A pumpkin vine that sprouted on its own in the backyard of the kitchen, was ready to spread. I made a furrow around it, manured and watered it. It grew well, but yielded only two or three pumpkins.



Activity :2

Nurturing alone is not enough to get more yield.

a. What are the factors to be considered to get more yield?



b. From which of these plants do you select seeds? Why?

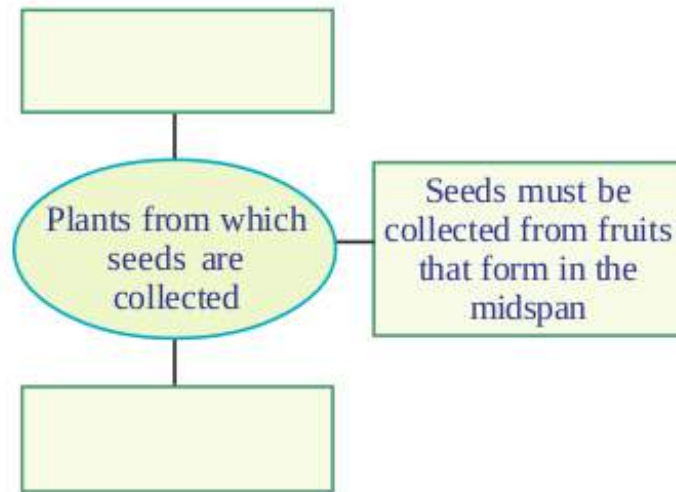


Activity:3

a. What are the factors to be considered while selecting seeds from a plant?



b. Try to write down the qualities essential for a plant from which seeds are collected.



Activity:4

Observe the seeds. Are they same size? From which seeds, feel easy to select good quality seeds?



Amaranthus



Pea



chilly



Lady's finger

*It is very difficult to select quality seeds from smaller seeds.
Hence good seedlings are transplanted after sowing
and sprouting seeds.*

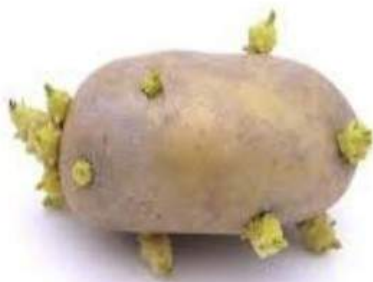
a. Tabulate the following columns.

Seedlings that are transplanted

Seedling that are not

Activity:5

*Is all the plants grow from the seeds?
Here, which are the parts grow as
plants?*



The formation of seedlings from seeds is by **Sexual Reproduction**. The formation of new plantlets from parts like root, stem and leaf is called **Vegetative propagation**.

a. Find out more examples for plants formed through sexual reproduction and vegetative propagation.

Sexual reproduction	Vegetative propagation

Prepare and study the worksheet well and send all the activities to the teacher. All the best.....

Thank you.....

