About the Lesson

- The growth of plants
- The form of the seed



3 The Germination of Plants

Children, have you ever seen a plant germinating? No! Come, let's find out how do plants germinate.

Have you ever seen a chopped tomato or papaya? You see small grains inside them. These small grains are their seeds. Most of the fruits have seeds inside them. Some fruits have only one seed inside them, such as mango, grape, peach, plum, etc. Some fruits have many seeds such as watermelon, papaya, ladyfinger, peas, etc.





Tomato

Papaya

Strange But True

* The seeds inside the fruits are kept safe for long time.





Mango





Plum



Blackberry



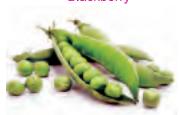
Watermelon



Papaya



Lady's finger



Peas

All the seeds have different colours and shapes. Most of the plants are born from seeds only.









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A small plant is hidden inside the seed. To grow into a plant, the seed requires four things — soil, water, air and sunlight. The seed is sown into the soil. After some time, a small plant grows out of the seed.









Remember

Big and strong trees like neem, peepal and banyan grow from seeds only.

The germination of a plant

Slowly, this small plant grows into a big tree. The small plant collects its food from the seed only. After growing big, it starts to take food from the soil.



- The seeds are inside the fruits.
- × All the seeds are of different colours and shapes.
- × A small plant is hidden inside the seed.
- To grow into a plant, the seed needs soil, water, air and sunlight.
- The small plant takes its food from the seed.

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Exercise

- A. Tick (✓) on the correct option : (MCQs)
 - 1. What is inside the fruits?
 - (a) Seed

- (b) Flower
- (c) Leaf

- 2. What is the colour of all the seeds?
 - (a) Same
- (b) Different
- (c) Red

- 3. Where is the seed sown?
 - (a) In water

- (b) In the soil
- (c) In th
 - (c) In the pot

	4. From where does the small plant get its food?		
	(a) Man (b) Fruit	(c) See	ed 💮
В.	Answer in one or two words:		
	1. Where is the seed found?		
	2. From whom is the plant born?		
	3. Where is the seed sown?		
	4. From where does the small plant get its food?		
C.	Fill in the blanks with the proper words:		
	1. The small grains seen inside a tomato are		pomegranate
	2. There are many seeds in a		seeds
	3. A small is hidden in a		tree seed
	4. Slowly the little plant grows into a		plant
D.	Tick (✓) the correct sentence:		
	1. All the fruits have one seed only.		
	2. A small plant is hidden inside the seed.		
	3. The plant takes its food from the soil after growth.		
	4. The seeds are not sown in the soil.		



Do the following:

- 1. Collect any five seeds used at your home and paste them into your scrapbook.
- 2. Take a pot and fill it with soil. Sow 3-4 seeds of beans into it and water it every day. Observe it for 10 days and see how the plant germinates.

Investigation:

For more information about the growth of a plant, log on to : www.plantsgrow.com