



GERMINATION

Explore the life cycle of a plant by watching how a sprout appears from a seed. This process is called germination.

This week's activities: Grow a Plant in a Bag

Plant in a Bag

Suggested Materials:

- Small plastic bag that seals
- A bean seed (can use more than 1 in case it doesn't sprout.)
- Paper towel
- Tape

Directions:

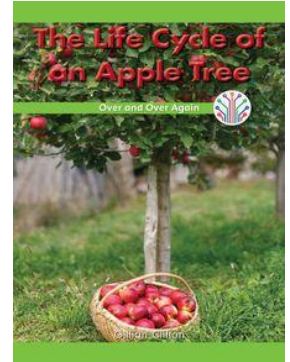
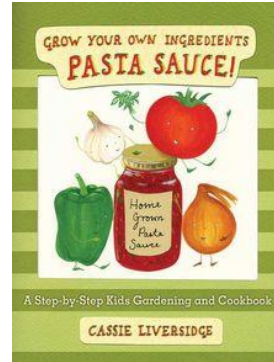
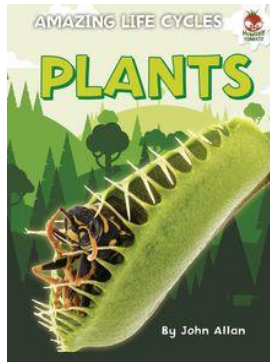
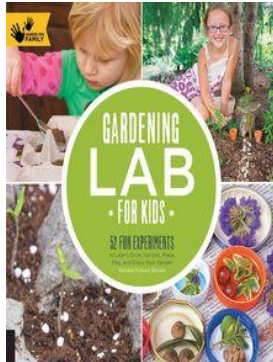
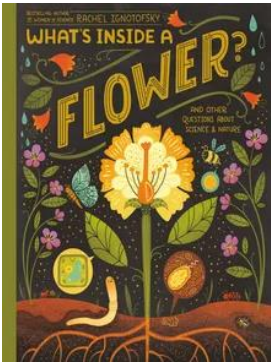
1. Fold the paper towel in half a few times so it will fit in the bag.
2. Soak the paper towel in water and place flat in bag.
3. Place the seeds on the paper towel in the bag. Try not to let them sit in water.
4. Seal the bag but leave a small opening to allow in air.
5. Tape the bag to a window with the seeds facing you, so you can see the process. You can also place the bag on the windowsill.
6. Watch the process of germination unfold as the seed begins to sprout in a few days.
7. Optional: Plant the sprout in soil in the spring and watch it continue to grow.



Experiment with other seeds such as a popcorn kernel or dried beans like a kidney bean or black bean. Does the germination process take longer? What kind of bean seed did you use the first time? Do you notice any differences if you used a different seed?

Links to eResources:

Check out our [eBooks](#) on these topics:



[Gardening](#) | [Plants](#) | [Planting](#) | [Life Cycles](#)

Check out *Reproduction in Plants* by Julie Lundgren on Tumblebooks to learn about the life cycle of plants.

You can get a library card [at hpl.ca/online-registration](http://hpl.ca/online-registration).

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