BEAN TIBERIAN



SUPPLIES

* A broad bean seed
* Ziplock Bag
* Soil
* Water

INSTRUCTIONS

Add soil to the bottom of your ziplock bag.

Splash a small amount of water into the plastic bag.

Place the bean seed into the soil.

The bean should start to grow roots after a few days, this is called germination. Wow, this is super cool stuff!

***Time to be an investigator***! “How do you think a bean can grow inside a plastic bag?”

This **germination investigation** is very simple but fascinating. Did you know you can grow a **bean in a plastic bag** with just a little water? Germination is the sprouting of a seedling from a seed.

What does a seed need to help them grow, just 3 little helpers…

1. **Water** – seeds need water for germination to occur. When a seed drinks or absorbs water it starts to swell up, the outer coat of the seed cracks and roots start to grow through. This is like magic!
2. **Oxygen** – oxygen is needed for a plant to grow. Seeds buried too deeply in the soil won’t grow. Be careful not to go too deep when planting in the soil.
3. **Temperature**– temperature can be important, not too hot and not too cold, just right!