

Dude, Where's My Plant?

Narrator A: Our class did an experiment with seeds. We took 5 bean seeds and put them in 5 different conditions. We wanted to see if the seeds would germinate in certain conditions.

Narrator B: We put the 5 seeds in 5 bags. For Bag A we gave it sunlight, warmth, and water.

Narrator C: For Bag B we gave it sunlight and warmth, but no water.

Narrator D: For Bag C we gave it water and warmth, but no sunlight.

Narrator E: For Bag D we gave it water, but no sunlight or warmth. We put it in the refrigerator!

Narrator F: For Bag E we gave it sunlight, warmth, and extra, extra water! This is what happened:

Teacher: Hey class! I need a plant to give to Ms. Jackson for Principal's Day. Here are some seeds. Can you grow a plant for me?

Students: No problem Ms. Seltzer! Just give us a few weeks and you'll have a plant!

Teacher: Ok guys! Thanks!

Narrator A: The students put the seeds in the bags and waited.....

Seed A: "I love my little house! I have sunlight and warmth to keep me cozy. I have just the right amount of water in case I get thirsty!"

Seed B: "I love my little house. I have nice sunlight and I am warm and cozy. I could use something to drink though!"

Seed C: "I love my little house too. I have warmth and water to drink. But it sure is dark in this place!"

Seed D: "I don't think I like my little house! I have water to drink if I get thirsty. But it's very dark in here and I'm freezing my seed coat off!"

Seed E: "I like my little house! I have sunlight and warmth. And I have a ton of water! I will never be thirsty! I think I need a boat though!"

Narrator G: Five days passed. Things started to happen!

Student 1: It's time to check our bags again. It's been 5 days!

Student 2: Look at Bag A! It has a root growing out of the seed. And the seed coat has started to come off!

Student 3: Look at Bag B! It hasn't changed at all!

Student 4: Neither has Bag C!

Student 5: Bag D is so so cold! But the seed hasn't changed at all!

Student 6: Bag E's seed looks all fat! But nothing is growing out of it!

Narrator H: Ten days passed. More things started to happen!

Student 7: Look at Bag A! The seed has germinated! It has roots, a stem, and leaves! And the seed sides are about to fall off! It's so cute!

Student 8: And look at the other seeds. Nothing is happening to them yet! I wonder why??

Student 9: That's because they aren't getting everything they need. And the seed in Bag E has way too much water! It's drowning!

Student 10: Well I think the seed in Bag A needs to be put in soil now. It needs the soil to help hold it up!

Student 11: And it needs the soil to give the plant the nutrients it needs to grow.

Narrator A: And that's just what they did. Soon the plant grew into a seedling. Then it grew into an adult. The adult plant made seeds of its own. And the cycle started all over again!

Narrator B: So if you want to grow a seed, remember you need to give the seed 3 things: sunlight, the right temperature, and water---but not too much!

Teacher: (she walked into the room and saw one of her students watering the plant. "Dude, Where's my plant?"

Student 1: It's here Ms. Seltzer! And it's so big! Ms Jackson is going to love this bean plant!

Teacher: Yes, she will! She will be able to eat fresh beans for lunch! Thanks Dude!

The End