

Terrarium Tracking

Adults: You are the **navigators** of today's exploration, and you will be asking questions of your student to observe, predict, and explain their thinking. Kids: You will be the **investigators**. Your job is to observe, make predications, and explain your thinking!



Challenge: Build a house for a plant that provides the necessities for survival and growth.

Navigator (Adult) ask your Investigator (Kid):

• What does a plant need to grow? Record their answers.

What's the SCIENCE?

- Sermination: the process by which a plant grows from a seed.
- Plants need water, air, nutrients, and sunlight to grow.
- A **terrarium** allows light to enter and warm the soil. This warming causes water inside to evaporate and condense creating a water cycle inside the terrarium.

Now, construct a terrarium using the materials and directions provided at the **Planting** Station. Navigator - Please note this activity is designed to continue at home over the course of 4 weeks.

Talking Tip

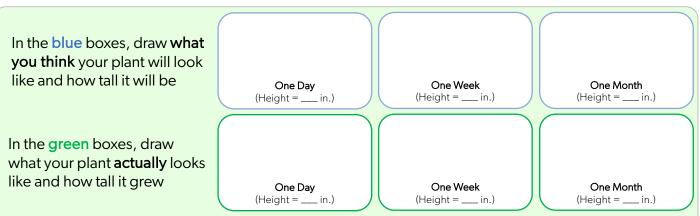
Encourage your Investigator to make predictions.

Asking if/then questions is a good way to engage more in-depth thinking. Try asking...

"What do you think will happen if ...? or "If you tried, then what would you expect to happen?"

Navigator ask your Investigator:

- How do you think the plant gets water? What do you notice about your terrarium that supports your answer?
- If we put a different type of seed in the terrarium, what do you think would happen? Why?



Navigator ask your Investigator: Look at your predictions and observations over the course of the month. How do your predictions compare with the actual plant growth you observed? If different, why?



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