



# 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 predictions, 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?

- **Germination:** 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?

In the **blue** boxes, draw **what you think** your plant will look like and how tall it will be

One Day  
(Height = \_\_\_ in.)

One Week  
(Height = \_\_\_ in.)

One Month  
(Height = \_\_\_ in.)

In the **green** boxes, draw what your plant **actually** looks like and how tall it grew

One Day  
(Height = \_\_\_ in.)

One Week  
(Height = \_\_\_ in.)

One Month  
(Height = \_\_\_ in.)

**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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