Plants in Different Environments

**What You Need**

- three small potted plants, all the same kind
- waterproof marker
- masking tape
- water

**Find Out**

Do this activity to see what kind of environment is best for these plants.

**Process Skills**

- Predicting
- Observing
- Measuring
- Communicating

**Time**

- 45 minutes to begin
- 10 minutes every day for two weeks to water the plants and record observations
What to Do

1. Place a piece of masking tape on each pot.

2. Number the plants “1,” “2,” and “3.”

3. Place the plants on a windowsill.

4. Water the plants this way:

   Water Plant 1 once every day.
   Water Plant 2 once every three days.
   Water Plant 3 once after two weeks.

5. Predict how each plant will grow.

6. Every other day, look at the plants’ leaves. Feel the soil.

7. Measure how tall the plant is.

8. Record what you find on the chart.
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<th>Plant 1</th>
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Student answers will vary.
Conclusions

1. How did the plants change?

Answers will depend on plants used.

2. How often should you water this kind of plant? Why?

Answers will depend on which plant grew best.

New Questions

1. What kind of habitat would be best for your plant?

Answers will depend on which plant grew best.

2. Write a new question you have about growing plants.

Accept all reasonable questions.
Making a Desert Diorama

Which animals and plants live in a desert?

cactus (2), lizard, great horned owl, and snake
Draw what your diorama looks like.

Students’ drawings should reflect their dioramas.
Making a Swamp Mural

Which animals and plants live in a swamp?

alligator, fish, egret, and cattails
Draw what your swamp looks like.

Students should draw the swamp animals and plants that they made for their mural.