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.
<table>
<thead>
<tr>
<th>Prediction</th>
<th>Plant 1</th>
<th>Plant 2</th>
<th>Plant 3</th>
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</thead>
<tbody>
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<td>Day 1</td>
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<td>Day 10</td>
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</tbody>
</table>
Conclusions
1. How did the plants change?

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

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

2. Write a new question you have about growing plants.
Making a Desert Diorama

Which animals and plants live in a desert?

- Cactus
- Giraffe
- Lizard
- Owl
- Cactus
- Snake
Draw what your diorama looks like.
Making a Swamp Mural

Which animals and plants live in a swamp?
Name __________________________

**Draw** what your swamp looks like.