

Will They Grow?



Organisms are affected by their **environments**, or all the living and nonliving things around it. Seeds require certain conditions to germinate.

Form a question Ask a question that you can investigate about how environments can affect plants.

Did you know?

A drought-tolerant plant is a plant that can survive on very little water.

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POSSIBLE MATERIALS

- ☐ lima bean
- ☐ paper towel, damp
- ☐ permanent marker
- ☐ soil
- ☐ plastic zip bag



STEP 1

Make a plan Select an environmental condition—wet or dry—to investigate. Write it in the space below.

STEP 2

Investigate your question Wrap one lima bean in a damp paper towel or a dry paper towel, and place it in a plastic zip bag. Write your name on the bag with a permanent marker.

STEP 3

Organize data Decide what data you will collect. Observe your bean every few days. Make a data table and record your results in the space below.



STEP 4

Analyze data Compare your results with the rest of the class. Then, write a cause-and-effect statement that summarizes your findings.



Make a **claim** about how the environment you selected affected the growth of the lima bean plant. Support your claim with **evidence** from your investigation and explain your **reasoning**.



Making Sense

How does the evidence you gathered in this investigation help you begin to understand the cause-and-effect relationship between the two groups of flamingos and their environments?

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