

Exploring a Change



Living things, like this bee and plant, are known as **organisms**. All organisms change as they get older. However, different organisms change in different ways.

Form a question Ask a question that you can study about how a seed changes over time.

Did you know?

The largest seed is the coco de mer, or sea coconut.

MATERIALS

- | | | |
|---|---|--------------------------------|
| <input type="checkbox"/> goggles | <input type="checkbox"/> plastic cup for planting seeds | <input type="checkbox"/> soil |
| <input type="checkbox"/> non-latex gloves | <input type="checkbox"/> permanent marker | <input type="checkbox"/> water |
| <input type="checkbox"/> seed, 4 types | <input type="checkbox"/> graduated cylinder | <input type="checkbox"/> ruler |



STEP 1

Investigate your

question Select a seed type. Get a cup and write your name on it with a permanent marker. Fill the cup $\frac{3}{4}$ full of soil. Put the seed 1 inch deep in the soil. Add water to moisten the soil. Place your cup next to a window.



STEP 2

Collect data Each week, record the height of your plant and any other observations you make. Add water regularly to keep the soil moist.

STEP 3

Organize your data Create a data table to record your data.



STEP 4

Analyze data Compare your data with other groups. Identify any patterns you observe in your shared data.



Turn to your neighbor and discuss anything about this investigation that was difficult and how you handled it.

Draw conclusions Make a claim to predict what would happen if you planted a different type of seed. Support your **claim** with **evidence** from your investigation, and explain your **reasoning**.



Making Sense

How does the data you gathered in this investigation help you begin to explain how the plant and turtle might change over time?
