



Nifty Numbers: Family Take Home Activity

Sizing Up Sprout

Objective: You will germinate a seed and record its growth.

Materials: A bean (preferably pinto), moist paper towel, zip-top bag, cup, soil

FCAT Vocab: *Germinate* - the process of a seed beginning to grow.
Record - to write down the results of what happened in an experiment.

Procedure:

1. Measure the length of the seed and record it on the chart.
2. Germinate the seed.
 - a. Put the seed in a damp paper towel.
 - b. Seal paper towel and seed in a zip top bag.
 - c. Hang in a sunny window.
3. As soon as you see a sprout, measure the length of the seed and the sprout and record on the chart.
4. Record the length every day for as many days as desired.
5. After it has grown to 6 inches, remove from the bag.
6. Plant your bean in some soil in a sunny area and water every other day.

Seed Growth

| Day | Write Length | Day | Write Length |
|---------------------|--------------|-----|--------------|
| Before Growth | | 5 | |
| First Day of Growth | | 6 | |
| 2 | | 7 | |
| 3 | | 8 | |
| 4 | | 9 | |

Discussion:

- How much did your plant grow altogether?
- Which day had the largest growth?

Resources:

<http://www.gardenersnet.com/vegetable/bean.htm>