

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