



Name: _____

Date: _____

Class: _____

How Do Living Things Change?

Guided Inquiry

- ⦿ 30 minutes
- ⦿  individuals

Objectives

- Plant, observe, and measure the growth of bean seeds.
- Display data in a graph.

Inquiry Skills

- Observe
- Gather, Record, Display or Interpret Data
- Measure
- Use Numbers

observation

Day 0	0 cm
Day 1	0 cm
Day 2	1 cm
Day 3	2 cm
Day 4	3 cm
Day 5	4 cm
Day 6	5 cm
Day 7	6 cm

Conclusion:

Over time, the plant started to germinate on day 2 and then it continued on growing, until it reached its maximum height on day 7.

This plant changed over a period of time when I gave it enough water, soil, air and light.

How Do Living Things Change?

You know that most plants grow from seeds. In this activity, you will explore the changes that seeds go through as they grow into adult plants.

Materials
3 bean seeds
1 clear plastic cup
soil
gloves
water
ruler

1 Place a bean seed in a plastic cup. Be sure to place it against the side of the cup so that you can observe it. Cover the seed with soil. Moisten the soil. Then plant the remaining seeds.



2 Place your seeds on a sunny windowsill.



3 Water the seeds as needed.



4 Observe the seeds each day for ten days. Measure their length in centimeters each day. Record the measurements in a data table in your Science Notebook.

