

Ben  
The Magnificent Melons

\*Make sure you date every entry. Explain in detail what your group did. Record qualitative (physical descriptions/ adjectives) and quantitative (# of plants, heights, - things that can be counted) observations.

Talk to your mentors to see if you should record individual plant growth (how will you tell which plant is which?) or if it is acceptable to measure all of them and record average plant growth. I've set up a sample data table below for you to enter data into.

3/29/2017

Today we got all our supplies and planted the seeds. We water them with 20 ml of water.

3/30/17

Today we check are plants we think we saw 2 plants sprouting, We don't know yet because there was grass in there before. We also water them with 20 ml of water. We are hoping for growth tomorrow.

3/31/17

Today we watered our plants with 20ml. We saw one plant that was 1.5 cm tall, there were no leaves yet. We are hoping that when we get back to school the others will be growing.

4/3/17

We noticed that the experiments radish in them had grow more. We saw grass growing in the mung bean and corn. We watered them with 20ml again. We seen some leaves growing on some of them.  
Data Table

4/4/17

Today we watered our plants with 20ml. We measured them, mung bean had .8cm, radish and corn had 7.1, radish and mung bean had 5.6, and mung bean and corn had 1.3. We saw some of the mung bean growing. We are hoping that control corn and radish will start growing.

4/5/17

The experimental radish and mung bean and experimental radish and corn both have 2 leaves. I notice how the mung beans look very weird. Experimental radish and corn have grown the most with 8.75cm. We are hoping that Control corn and control radish start growing.

4/6/17

We had to add dirt today so that messed up are measurements. We replanted corn and radish because they weren't growing. Hopefully they will start growing.

4/7/17

We presented our experiment in front of the class. We measured our plants, we did not water today because they had enough water from yesterday. Our plants look greener because we didn't water them.

4/10/17

Since new plants are growing are averages have been going down. The Experiment radish and corn is bedding over, The others are light green with 2 leaves.

4/12/17

One of our plants looks died. The corn has just started growing. Most of the plants our growing leaves. We don't know if we are giving them too much water.

4/14/17

One of our radish and corn died. We watered each of them with 10ml. The top of one of the experiment corn and mung bean died but the stem looks good. We are ending our experiment in a week.

4/17/17

Our measurements are going down because some of the plants are dieing. Today is our last day of measuring.

Date	Growth Control Corn (Average)	Growth Control mung bean (Average)	Growth Control Radish (Average)	Growth Experiment Radish and Corn (Average)	Growth Experiment Radish and Mung bean (Average)	Growth Experiment Mung bean and Corn (Average)
3/29/17	0cm	0cm	0cm	0cm	0cm	0cm
3/30/17	0cm	0cm	0cm	0cm	0cm	0cm
3/31/17	0cm	0cm	0cm	0cm	1.5	0cm
4/3/17	0cm	0cm	0cm	5cm	3.5cm	0cm
4/4/17	0cm	.76cm	0cm	7.1cm	5.6cm	1.3cm
4/5/17	0cm	1cm	0cm	8.75cm	6.5cm	2.75cm
4/6/17	0cm	0cm	0cm	7cm	5cm	2cm
4/7/17	0cm	3cm	0cm	5.8cm	6cm	7cm
4/10/17	0cm	6cm	2cm	2.1cm	7.8cm	12cm
4/12/17	1cm	6.6cm	8.16cm	6.9cm	9.5cm	14.25cm
4/14/17	3cm	7cm	10.3cm	2cm	10cm	14.5cm
4/17/17	5.5cm	5cm	10.3cm	2cm	9.5cm	15cm