

Allison
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.

3/29/17

Today we planted the plants. We have six bottles that we planted in. One bottle has radish. Second bottle has mung bean and corn. Third bottle has radish and mung bean. Fourth bottle has radish and corn. Fifth bottle has mung bean. Sixth bottle has corn.

We put 60 millimeters of water in each container.

3/30/17

There was no growth. We put 60 millimeters of water in each container.

3/31/17

There are no plants stems yet. We put 60 millimeters in each container.

4/3/17

There are 2 plant stems in mung bean and radish. There are 2 plants stems in radish in mung bean. We put 60 millimeters in each container.

4/4/17

We put 60 millimeters of water in each container. There are 3 plants in radish and mung bean. There are 3 plants in radish and corn. There are 3 plants in mung bean. There is 1 plants in corn and mung bean.

4/5/17

We put 60 millimeters of water in each container. There are 3 plants in mung bean. There are 3 plants in radish and corn. There are 4 plants in radish and mung bean. There are 2 pants in mung bean and corn. One of our containers leaked and we fixed it.

4/6/17

We had to replant radish. We to replant corn. Both containers would not grow and had a lot of water in it, that is why we replanted. We add more soil so the measurements will be low. We put 60 millimeters in each container. There are 3 plants in mungbean. There are 3 plants in radish and corn. There are 4 plants in radish and mung bean. There are 2 plants in corn and mung bean.

4/7/17

We put 30 millimeters of water in corn and mung bean. The soil was very moist still so now we are now using 30 millimeters of water instead of 60 millimeters of water.

4/10/17

Our plants grew a lot. We put 30 millimeters of water in all of the containers besides corn and mungbean. Since more plants are starting to grow the measurements are lower.

4/12/17

Corn started growing. We did not water because the soil is wet. There are 2 plants in corn. There are 3 plants in radish. There are 3 plants in mung bean. There are 3 plants in radish and corn. There are 4 plants in radish and mung bean. There are 2 plants in corn and mung bean.

4/14/17

One of the radish and corn plant died. We put 30 millimeters in water in each container. There are 2 plants in corn and mungbean. There are 3 plants in radish and corn. There are 4 plants in radish and mungbean. There are 3 plants in radish. There are 2 plants in corn. There are 3 plants in mungbean.

4/17/17

Today is the last day of measuring. We put 30 millimeters of water in each container. There are 2 plants in corn and mungbean. There are 1 in radish and corn. There are 2 in radish and mungbean. There are 3 plants in radish. There are 3 plants in corn. There are 3 in mungbean.

Data Table : average of the plants measurements

Date	radish	mung bean	corn	mung bean and radish	mung bean and corn	radish and corn
3/29/17	0 cm	0 cm	0 cm	0 cm	0 cm	0 cm
3/30/17	0 cm	0 cm	0 cm	0 cm	0 cm	0 cm
3/31/17	0 cm	0 cm	0 cm	0 cm	0 cm	0 cm
4/3/17	0 cm	0 cm	0 cm	3.5 cm	0 cm	5 cm
4/4/17	0 cm	.76 cm	0 cm	5.6cm	1.3 cm	7.1 cm
4/5/17	0 cm	1 cm	0 cm	6.5 cm	2.8 cm	8.8 cm
4/6/17	0 cm	0 cm	0 cm	5 cm	2 cm	7 cm
4/7/175	0 cm	3 cm	0 cm	6 cm	7 cm	8 cm
4/10/17	2 cm	6 cm	0 cm	7.8 cm	12 cm	2.1 cm
4/12/17	8.16 cm	6.6 cm	1 cm	9.5 cm	14.25 cm	6.9 cm
4/14/17	10.3 cm	7 cm	3 cm	10 cm	14.5 cm	2 cm
4/17/17	10.3 cm	5 cm	5.5 cm	9.5 cm	15 cm	2 cm