

## Q2 Environmental Science Benchmark: Green Design

*By: Jenna Cox & Wayne Stackhouse*

Day one~ Friday, January 13th, 2017

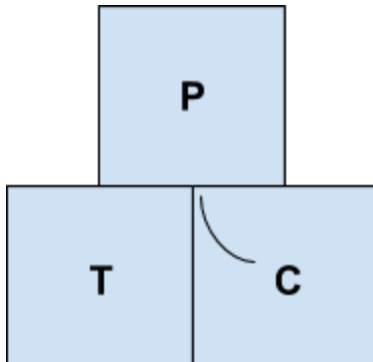
5 mL of water + 5 drops of pH tester

Observations: Before we shook the solution and the water together, it was green. It was a 6.5 or a 7.0 on the pH testing scale, then we shook it up, and it turned into a 7.5.

Predictions: Personally, I(Jenna) think that the tomatoes will sprout first.

### **What we put into our rockwall:**

- Cucumbers
- Peppers
- Tomatos



Day two~ Thursday, January 19th, 2017

-We labeled the three plants, peppers, tomatoes, and cucumbers. We also checked the progress of our plants, and here is what we came up with:

Observations: Only the tomatoes are showing at this point. There is four leaves in our rockwall, where we planted it six days ago.

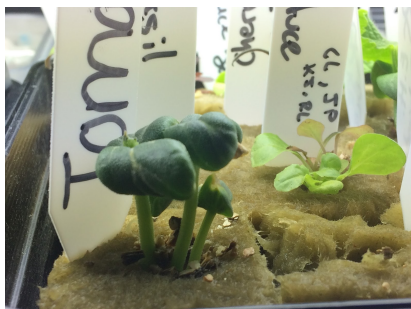
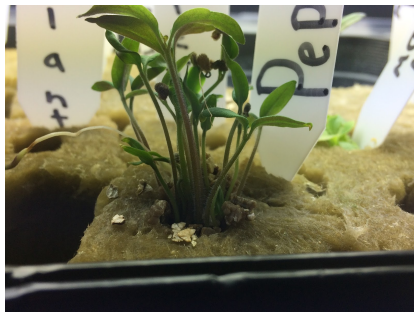
Predictions: Wayne and I agree, that the cucumber will be the next plant to sprout. He made a good observation about the size of the cucumber seeds, and that's why he thinks they will grow next.



Day three~ Monday, January 23rd, 2017

Observations: The cucumbers stayed the same, with no sprouting; the tomatoes and peppers on the other hand, grew nicely.

Predictions: Both Wayne and myself agree that we believe the cucumbers won't grow or will take a long time to grow.



Day four~ Thursday, January 26th, 2017

-Today, we put the peppers, tomatoes, and cucumbers into the tower garden

Observations: The peppers and tomatoes are growing at a great rate. The tomato plant leaves started curling at the tips & also turned yellow, they feel rough. The peppers have a white strand in the leaves.

Predictions: As a group, we agree that the cucumbers aren't going to grow since they are far behind from everyone else's.

Monday January 30th

-We just checked in on our plants today, and checked their progress.

February 1st

-Again, we just checked in on our plants, checked the progress. There wasn't much change since Monday.

Observations: