

Ms. Gardner  
 Science 8  
 Week of: April 20-26  
 Content: Cell Cycle - Chapter 3, Lessons 1 and 2 in textbook  
**Assessments due by Sunday, April 26 at midnight**

**Office Hours: (via Meet Now on Teams)**  
 Tuesday 11:00-12:00  
 Wednesday 2:00-3:00  
 Thursday 9:00-10:00  
 Friday 11:00-12:00

Learning Goals:

Differentiate between levels of organization in living things – tissues, organs, and organ systems; Make observations about plant growth; Compile plant growth data and make inferences about the data

Activities/Tasks: (Arranged over four days to help with time management)

April 20

- Warm-up Question for Monday, April 20** (in Assignments)
- Make plant observations** on separate paper (you will need these later)
  1. Select one of the following plants as ‘your’ plant.



Seed Name	# in Planting Day picture
Morning Glory	1
Watermelon 1	2
Lettuce 2	3
Green Beans 3	4
Watermelon 2	5
Pumpkin 1	6

Seed Name	# in Planting Day picture
Pumpkin 2	7
Green Beans 2	8
Green Beans 1	9
Squash	10
Lettuce 1	11
Green Peppers	12

2. Find the location of your chosen plant in the picture. This will be the plant you look at each time for your observations.
3. In the folder General>Plant Growth Experiment>Plant Pics, choose three (3) different days from which to make plant observations.

*For example, you might choose the seed ‘watermelon 1’, which is plant #2 in the picture. Let’s say you want to look at the watermelon seed on Day 5, Day 9, and Day 13. Find those pictures in the folder of Plant Pics.*

4. On a separate sheet of paper (just scratch paper, not to be turned in), make observations about your plant on those three days. Think about the following:

- What does the plant look like?**
- What colors do you see?**
- What shapes do you see as the plant is growing?**
- What does the soil look like?**
- What other observations can you make?**

## April 21

### **Complete the Plant Growth Experiment** (in Assignments)

This assignment will require you to open a Word doc (either through Word Online, like you are used to doing at school, or download a copy to use with the desktop version of Word).

Word Online – saves automatically, when you close your work is attached and you only need to click Turn In to submit – also you can close the doc and come back to later to work on it!

Word desktop app – formatting will look better than the online browser version of Word, but you must save manually as you go, you must attach the file when you are done, then click Turn In

\*My advice is to use Word online! ☺

You are completing the **bold-face** parts of the document. When you are finished, “Turn In” to submit your work. No other files should be attached for this assignment.

**IMPORTANT:** Before completing this assignment, you have to make observations about the plants (see above task). I don’t think you will be able to view the plant pictures while you have Word Online open and I don’t want you to lose your work if you switch screens.

## April 22

### **Warm-up Question for Wednesday, April 22** (in Assignments)

### **Review Cell Organization PowerPoint notes** (in Assignments) – note: if you are using a phone, you can see the slides, but you won’t hear the narration without downloading the PPT app to your phone.

## April 23

### **Watch video** on cell organization: [https://www.youtube.com/watch?v= MgWRg20HW0](https://www.youtube.com/watch?v=MgWRg20HW0)

### **Complete Levels of Organization Review** on Teams (in Assignments)

**Live session: On Thursday, April 23, we will chat at 11:00AM.**

## Assessments

1. Warm-ups for 4/20 and 4/22 (in Assignments)
2. Complete Levels of Organization Review (in Assignments)
3. Plant Growth Experiment worksheet (in Assignments)

Ms. Gardner  
Principles of Chemistry  
Week of: April 20-26  
Content: Solutions (Chapter 13)  
**Assessments due by Sunday, April 26 at midnight**

**Office Hours: (via Meet Now on Teams)**

Tuesday 11:00-12:00  
Wednesday 1:00-2:00  
Thursday 9:00-10:00  
Friday 11:00-12:00

Learning Goals:

Define a solution; Differentiate between solute and solvent; Calculate molarity

Activities/Tasks: (For time management purposes, I'm give you a suggested breakdown of work over five days)

Day 1:

- Warm-up Question for Monday, April 20** - on Assignments
- Gas Law Quiz** – on Assignments

Day 2:

- Complete part of Chapter 13 vocab** – on Assignments, either with Word online (browser) or the desktop version of Word

Word Online – saves automatically, when you close your work is attached and you only need to click Turn In to submit – also you can close the doc and come back to later to work on it!

Word desktop app – formatting will look better than the online browser version of Word, but you must save manually as you go, you must attach the file when you are done, then click Turn In

\*My advice is to use Word online! ☺

If you are using a phone only, you will have to download the free version of Word for your phone. Or you can write your answers on another piece of paper and attach the file to the assignment.

Day 3:

- Warm-up Question for Wednesday, April 22** – on Assignments
- Finish vocab from yesterday**
- Live group session on Wednesday, April 22 at 11:00AM**

Day 4:

- Watch this video on solutions and molarity:** <https://www.youtube.com/watch?v=QYK3Aj-IUIs>  
(Please note: you only need to watch the first 1:30 of the video, you don't need to watch the Comprehension Check part)
- Use textbook (p. 454-459) to start the notes** “What is a Solution?” (on Assignments.

1. In the assignment, you will see three image files of the textbook. Don't open them – click on the “...” symbol by each file. Choose “Download” so you can open each file outside of Teams.

2. Then open the notes document and type your answers directly on the Word doc in a browser or open the desktop version of Word (be sure to save!)
3. If you used Word online, your work is automatically saved. If you used the desktop version of Word, attach the file.
4. Click "Turn In" to submit.

If you're using a phone, you'll have to get creative. Open each textbook picture in Assignments and take a screenshot. Then open the notes sheet. Use the saved pics to complete the notes sheet on a separate sheet of paper. Attach the file and submit.

Day 5:

**Use textbook (p. 454-459) to finish notes "What is a Solution?" if you haven't finished them yet.**

**Assessments – DUE DATE: Sunday, April 26 at midnight**

1. Warm-ups for 4/20 and 4/22 on Assignments
2. Complete Gas Law Quiz on Assignments
3. Complete Chapter 13 vocab on Assignments
4. Complete notes worksheet from textbook p. 454 on Assignments