

Ms. Gardner  
Science 8  
Week of: April 27-May 3  
Content: Genetics – Chapter 5, Lessons 1 and 2  
**Assessments due by Sunday, May 3 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 self- and cross-pollination; Explain how dominant and recessive factors interact;  
Differentiate between traits and characteristics in terms of genetics

Activities/Tasks:

- Warm-up Question for Monday, April 27** - under Assignments
- Warm-up Question for Wednesday, April 29** - under Assignments
  
- Complete vocab definitions** for Chapter 5 Lessons 1 and 2 – 11 words (skip *incomplete dominance*, *codominance*, and *polygenic inheritance*) words, starting on p. 148 – under Assignments; either type directly in Word doc or attach a pic of your notebook definitions
  
- Watch this video** on pollination: [https://www.youtube.com/watch?v=K3oMN1a\\_pdg](https://www.youtube.com/watch?v=K3oMN1a_pdg)
- Review PowerPoint** from Chapter 5, Lesson 1 - Mendel and His Peas – under Assignments
- Comprehension Check** - “Mendel and His Peas Comprehension Check” - under Assignments

**Live session: On Thursday, April 30, we will chat at 11:00AM.**

Assessments

1. Warm-ups for 4/27 and 4/29
2. Vocab definitions from Chapter 5 Lessons 1 and 2
3. Mendel and His Peas Comprehension Check

Ms. Gardner  
Principles of Chemistry  
Week of: April 27-May 3  
Content: Solutions (Chapter 13)  
**Assessments due by Sunday, May 3 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; Use molarity to calculate molarity, moles, or volume

Activities/Tasks:

- Warm-up Question for Monday, April 27** - can be found under Assignments in the Team
- Warm-up Question for Wednesday, April 29** - can be found under Assignments in the Team
- Watch the molarity notes video** (File name: [molarity intro.MOV](#) ← click on the link to access the video) **and take notes**. The file is too large to attach to the assignment, so you will have to open it from the Files part of Teams. Write the notes/problems on a separate sheet of paper or print the notes in the assignment and fill them in as I go through the examples in the video. Attach your notes to the assignment (Molarity Notes Video) and submit them when you are finished.
- Watch this video on solving molarity problems:** <https://www.youtube.com/watch?v=SXf9rDnVFao>
- Solve problems # 1, 2, and 3** on the Molarity Problems #1,2,3 assignment on Assignments.

**Live group session on Wednesday, April 29 at 11:00AM**

Assessments – DUE DATE: Sunday, May 3 at midnight

1. Warm-ups 4/27 and 4/29
2. Molarity Notes Video notes
3. Molarity Problems #1,2,3