

Ms. Gardner
Science 8
Week of: May 4-10
Content: Genetics – Chapter 5, Lessons 1 and 2
Assessments due by Sunday, May 10 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:

Explain how inheritance works; Give an example of a gene, an allele, and a genotype and corresponding phenotype; Draw a Punnett square

Activities/Tasks: (all work can be found on Assignments)

Day 1

- ☐ **Warm-up** for Monday, May 4
- ☐ Watch this video on DNA and genetics: <https://www.youtube.com/watch?v=lePMXxQ-KWY>
- ☐ Watch this video on Punnett squares: <https://www.youtube.com/watch?v=prkHKjfUmMs>

Day 2

- ☐ **Warm-up** for Wednesday, May 6
- ☐ Complete **Chapter 5 Lesson 2 Lesson Outline – Inheritance** (note: there is only one page of notes, the second page is blank but will not delete without messing up the formatting of the page).

Day 3

- ☐ Complete the **Punnett Squares Notes** assignment,
 - **Read and listen to [this PowerPoint](#)** on Punnett squares.
 - **Watch [this video](#)** on Punnett squares and a review of the vocab terms – file name: Chapter 5 vocab.MOV. While you watch the video, **write down the information I'm writing** on a separate sheet of paper.

Day 4

- ☐ Complete Part 1 in **Chapter 5 Lessons 1 and 2 Vocab Packet – Part 1 ONLY!** (You will do Parts 2 and 3 in the coming weeks, so you may work ahead if you wish.)

Live session: On Thursday, May 7, we will chat on Teams at 11:00AM.

Assessments

1. Warm-ups for 5/4 and 5/6
2. Chapter 5 Lessons 1 and 2 Vocab Packet – Part 1 Only
3. Chapter 5 Lesson 2 Lesson Outline - Inheritance
4. Punnett Square Notes (attach your copy of notes)

Ms. Gardner
Principles of Chemistry
Week of: May 4-May 10
Content: Solutions (Chapter 13)
Assessments due by Sunday, May 10 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; Characterize solutions

Activities/Tasks:

- ☐ **Warm-up Question for Monday, May 4**
- ☐ **Warm-up Question for Wednesday, May 6**
- ☐ **Complete the Solutions Quiz** under Assignments
- ☐ **Complete the Solutions Graph Practice** under Assignments. Answer the questions directly in the Word document by opening it in your browser. The doc will save as you work and you can come back to the doc later if needed. You may use any resources for this assignment, but all you should need is the graph that appears in the document.

Live group session on Wednesday, May 6 at 11:00AM

Assessments – **DUE DATE: Sunday, May 10 at midnight**

1. Warm-ups 5/4 and 5/6
2. Solutions Quiz
3. Solutions Graph Practice