

Ms. Gardner  
Science 8  
Week of: May 25-May 31  
Content: Genetics – Chapter 5, Lesson 3  
**Assessments due by Sunday, May 31 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:

Illustrate and explain how DNA replicates; Differentiate between the original parent strand of DNA and the daughter strands of DNA; Identify which backbones are conserved (from the original stand) after replication

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

- Warm-up** for Wednesday, May 27
- What Does DNA Look Like – Part 2 PowerPoint Notes**  
Read and listen to the PowerPoint notes (Part 2) on DNA. There is a video embedded in the notes and it should play when you get to that slide. There is no work to submit for this assignment, but you may want to take notes as you will have a graded comprehension check to complete.
- DNA Replication Video Notes** – watch my video on replicating DNA. Take notes as you watch – write down what I write down. Attach a pic of your notes to the assignment on Teams.
- DNA Replication WS** – complete the worksheet AFTER watching the DNA Replication video from Day 3.

Assessments

1. Warm-up for 5/27
2. DNA Replication video notes (using my video)
3. DNA Replication WS

Ms. Gardner  
Principles of Chemistry  
Week of: May 25-May 31  
Content: Exercise Chemistry  
**Assessments due by Sunday, May 31 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:

Describe the tasks of an agricultural and food science technician; Explain the science behind baking cookies;

Activities/Tasks:

- Warm-up Question for Wednesday, May 27**
- The Chemistry of Cookies Video** - <https://www.youtube.com/watch?v=n6wpNhyreDE>  
Watch “The chemistry of cookies” and complete the Chemistry of Cookies Notes.
- Agricultural and Food Science Video** - <https://www.youtube.com/watch?v=FQ2WMg6rs2s>  
Watch “Agricultural and Food Science Technician Career” and complete the Agricultural and Food Science Notes.
- Food Science Overview Video** - <https://www.youtube.com/watch?v=dY18LAHM0ig>  
Watch “Food Science Overview and History?” and complete the Food Science Overview Notes.

Assessments – DUE DATE: Sunday, May 31 at midnight

1. Warm-up for 5/27
2. The Chemistry of Cookies Notes WS
3. Agricultural and Food Science Notes WS
4. Food Science Overview Notes WS