Ms. Gardner
Science 8
Weeks of: April 6-19
Content: Cell Cycle - Chapter 3, Lessons 1 and 2
Assessments due by 4/8 and 4/19 at midnight

Office Hours: (via Meet Now on Teams)
Tuesday 4/7 11:00-12:00
Wednesday 4/8 2:00-3:00
Thursday 4/9 9:00-10:00

Wednesday 4/15 2:00-3:00
Thursday 4/16 9:00-10:00
Friday 4/17 11:00-12:00

Learning Goals:

Explain mitosis and the cell cycle in stages; create the stages of the cell cycle using common materials

Activities/Tasks: Week of April 6-8

- **Warm-up Question for Monday, April 6** – Warm-ups will be new starting this week! I anticipate assigning them every Monday, Wednesday, and maybe Friday. The questions will be accessed through Teams, found under Assignments. They will be created as a Quiz so I can compile your answers and give you credit for answering the question. They will be multiple choice and fill in the blank formats. Each question will be worth 3 points and you will see them in gradebook for each day you complete one. The warm-up questions will also be used to take attendance – I want to know that you are participating and completing your work.
- **Warm-up Question for Wednesday, April 8**
- **Take the short (graded) Cell Cycle Quiz** found under "Assignments" on Teams.

Live session: On Thursday, April 9, we will chat at 11:00AM. I will answer questions, review content, review the directions for the cell cycle project, and maybe show you a few handouts if necessary. This session is not mandatory, nor will participation be graded.

Activities/Tasks: Week of April 15-19

- **Complete vocab packet** for Chapter 3, Lessons 1 and 2 (File name: vocab activities_ch3 lessons 1 2). (Don't let your vocab packet go until the last minute!). Write answers on notebook paper and send pics to me when you have finished.
- **Create the cell cycle in images/video using common materials** (File name: cell cycle project (at home)). For this assignment, you will use at least six materials from around your home to create the six stages of the cell cycle. Take a picture of each stage and send them to me. Read the entire document, including grading rubric. You may choose to make a video using an app like iMovie or just send the pictures. **The important part is labeling the parts of the stages** – a vocabulary list is included in the instructions.

Resources:

1. Review this video to get an idea of how your pictures for the cell cycle project should look. (Note that you must use more labels in your project than this video does.) https://www.youtube.com/watch?v=oe5o0vgql6I

Assessments

1. Warm-ups for 4/6 and 4/8
2. Take short quiz on Chapter 3, Lesson 1 (Cell Cycle) - due by Wednesday, April 8 at midnight
3. Vocab packet (take pics, email them to me) - due by Sunday, April 19 at midnight
4. Cell Cycle Project (take pics/video, email to me) - due by Sunday, April 19 at midnight

Ms. Gardner
Principles of Chemistry
Week of: April 6-8
Content: Gases (Chapter 12)
Assessments due by Wednesday, April 8 at midnight

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

Learning Goals:

Calculate pressure, temperature, and volume for given gases using various gas laws

Activities/Tasks:

- **Warm-up Question for Monday, April 6** – Warm-ups will be new starting this week! I anticipate assigning them every Monday, Wednesday, and maybe Friday. The questions will be accessed through Teams, found under Assignments. They will be created as a Quiz so I can compile your answers and give you credit for answering the question. They will be multiple choice and fill in the blank formats. Each question will be worth 3 points and you will see them in gradebook for each day you complete one. The warm-up questions will also be used to take attendance – I want to know that you are participating and completing your work.
- **Warm-up Question for Wednesday, April 8**
- Watch video of Ideal Gas Law problem solving (File name: Ideal.MOV).
- Complete #4 on back of Ideal Gas Law WS (File name: ideal gas law 12.5.1)
- Option 1: Schedule a live one-on-one chat with me to demonstrate how to solve a gas law problem. This will be like the problems we solve in class with my help. Instead of coming to your table to watch you work, I will watch (and help you) via my computer! ☺

  Click on the link. Write your name by the date and time you want to do the problem in a live chat.

  https://rsdk12pa-my.sharepoint.com/:x:/g/personal/sgardner_rsd_k12_pa_us/Eaq6wOXIaUJEpioF7JqiAJgBaVKBajvNIFvmzxpWbWMeIQ?e=HxKGs4

  Option 2: If you don't want to do a live problem-solving session, you can take a video of your problem-solving skills and send the video to me. **If you are going to solve a problem on your own, email me and I will assign you a problem.** Then you record yourself solving the assigned problem (on your own) and talking through the steps you are using. Then send the video to me. If you are going to send a video, I need to see and hear you in the video to ensure it's really YOU doing the work.

Live session: On Wednesday, April 8, we will chat at 11:00AM. I will answer questions, review content on Ideal Gas Law, and do any problem-solving examples you may want/need to see. This session is not mandatory, nor will participation be graded.

Assessments – **DUE DATE: Wednesday, April 8 at midnight**

1. Warm-ups for 4/6 and 4/8

2. Solve a gas law problem on your own – either 'live' online or take a video of yourself solving an assigned problem and send it to me.

3. Complete #4 on Ideal Gas Law notes WS