

Week 4 and 5 (April 13-24):

Advanced Biology:

If I'm honest, this unit is hard for me to not be there to teach you. It is historically one of my favorite times at school as we get outside and go on scavenger hunts and on campus field trips. So, as you go through these next two weeks worth of lessons, get outside. In fact, it's part of your assignments!

This unit is all about KINGDOM PLANTAE! There will be some reading and lots of exploring. The following should be completed and turned in by April 28 at 3:30pm.

- 1: Read the following-- Chapter 22 and 23 (all sections)
- 2: Complete Worksheet associated with these chapters
- 3: Complete Quiz on 22.1, 23.1, and 23.5 in Google Classroom
- 4: PICK UP YOUR FLOWER FROM MRS. O (see options in Classroom Stream)
- 5: Complete Scavenger Hunt attached in Google Classroom

Forensics:

We are finishing up our unit on Death and Autopsy over the next two weeks. Follow the instructions below:

- 1: Finish reading/reviewing the remainder of the powerpoint in Google Classroom
- 2: Finish Worksheet associated with that powerpoint in Google Classroom
- 3: Complete the Webquest in Google Classroom associated with the virtual autopsy.

Pathophysiology:

Week 4, we will be finishing up the digestive system and will begin moving into the Reproductive Systems for week 5.

- 1: Complete the attached worksheet over Digestive System Diseases and Disorders (in Google Classroom)
- 2: Read Powerpoint (in Google Classroom) about reproductive system
- 3: Complete Questions and Crossword about reproductive system (in GC)
- 4: Complete Patient Case Study (in GC)

Week 3 (April 6-10):

Advanced Biology:

We are on to new material this week! We spent time before spring break reviewing taxonomy and understanding the prokaryotic kingdoms (eubacteria and archaeobacteria) as well as the single-celled eukaryotic kingdom of Protista. If you look back at the cladograms we drew (or just check out your book on page 526-- In fact, bookmark this page!), you'll remember how the kingdoms of life were divided. Then, we will continue our journey down this "tree of life" with FUNGI!

- 1: Reread Section 18.3 in your book. Complete the assigned quiz
- 2: Read Section 21.4
- 3: Review notes over Fungi
- 4: Complete assigned quiz
- 5: Complete worksheet (at the end of the Notes Document)

There will be several videos I am going to post to help you this week. Please be sure to check those out for further info. Also, please email me with any questions or concerns. I'm happy to help!

Forensics:

After reviewing the crime scene last week, it is time to understand one of the most important and telling pieces of evidence that can be found: the body! This unit will cover 2 weeks worth of work. Scientists who study the bodies and manners of death of those bodies are called forensic anthropologists.

- 1: Read Part 1 of the ppt in google classroom.
- 2: Answer the corresponding worksheet questions.
- 3: Watch video posted in google classroom and answer the question.

Pathophysiology:

I hope that you were able to better understand your body's response to pathogens. The immune and lymphatic systems are crucial to keeping us healthy!

Another system that plays an important role in your overall health is the digestive system. The digestive system is the only 'open' system in your body!

- 1: Read powerpoint notes in google classroom

- 2: Watch video uploads in google classroom
- 3: Complete worksheet in Google Classroom.

Week 2 (March 30- April 3):

Advanced Biology:

Last week, we reviewed WHAT viruses are, HOW they infect various different hosts, and the 7 requirements of life that distinguish organisms from viruses. We reviewed that viruses must have a host in order to reproduce and that they do so by hijacking the protein factories (ribosomes) of the host cell.

This week, we will REVIEW how proteins are made in cells through transcription and translation. It is important to remember this cellular process to truly understand viral reproduction. Also, we will review prokaryotic and eukaryotic cell structure and function.

In order to properly review these biotic functions, this week please complete the following (all charts and worksheets can be found in google classroom and will be due on Tuesday, April 6).

- 1-- Read Section 7.2 of your book. Complete organelle structure and function chart.
- 2-- Read Sections 13.1 and 13.2. Complete the Transcription and Translation Worksheet.
- 3-- Although not required, if you need help or want more information, I will be posting videos of review for this information on Google Classroom.

Please let me know if you have any questions!!

Forensics:

We will be reviewing crime scene processing this week. We've looked at various different types of evidence you might find at a crime scene this year, both class and individual. This week will be a large overview of both types of evidence, collection procedures, and important crime scene processes.

- 1-- Review the powerpoint found in Google Classroom
- 2-- Complete the corresponding worksheet also found on Google Classroom.

Any Questions? Don't hesitate to let me know :)

Pathophysiology:

Last week, we reviewed the immune system. This week, we will look at the lymphatic system in conjunction with the immune system. Please review the powerpoint (specifically slides 2-15) and any videos on Google Classroom. Complete the attached worksheet.

Have a WONDERFUL WEEK!! Missing each of you!

Week 1 (March 23-27, 2020):

Advanced Biology:

Re-read Chapter 20 lesson 1 and 3 in your book.

Check out Lesson posted on Google Classroom (video from YouTube)

Watch videos of Corona Virus also posted on Google Classroom

Complete Worksheet Under "Classwork Tab". You may use your book or the internet to help you complete the study guide

Forensics:

Go to Google Classroom and Choose 2 of the 3 listed serial killer profiles. Read their stories and answer the attached questions.

Pathophysiology:

Immunology and Response Review: Read/Study the Powerpoint attached in Google Classroom. Answer questions on the notes attached to the classwork tab.