

Name: _____

Science Bell: _____

6th Grade Science Remote Learning Plans - March 2020

General Information

All of the presentations, videos, and worksheets below are either uploaded onto Schoology or linked from the Science Schoology page. Please note that if students do not have access to a computer, Schoology can be accessed via cell phones and tablets through the Schoology app.

All items will be found in the science folder called **Modern Cell Theory**.

Students are expected to complete work on the packet over the next 2 weeks when we would have ordinarily been in school. Students are expected to return to school with the packet completed. All pages of packet must be submitted stapled together upon return to school.

Students should attempt every activity. If a section is too difficult, students should skip it and move on until they ask for and receive help.

Students should take the initiative to find definitions for new words they encounter in this unit.

Students must submit their own original work. Any work found to be copied from peers or from the internet will be marked 0 and parents will be notified.

If there are any questions about the work, please do not hesitate to contact me at alexaki@cpsboe.k12.oh.us, or via the ClassTag website! Students may also message me via Schoology.

Please stay safe during this time!

- Ms. Alexander

Supplies and Resources Needed

- Learning packet
- Access to Schoology
- Access to Youtube videos
- Science Notebook
- Scissors
- Glue or gluestick
- Colored pencils, crayons, or markers (optional)

Instructions for Each Topic

Topic 1 (1-2 Days) The Needs of Living Things

1. Open packet to the first worksheet (frog on top, says "ALL LIVING THINGS NEED" above a 4 square box)
2. On Schoology, in the Modern Cell Theory folder, open: 1 - The Needs of Living Things Presentation
3. Read through slides 1 through 6
4. Write the blue text into the squares on the worksheet
5. Open packet to second worksheet (Characteristics of Living Things: Six Door Foldable)
 - a. Following the instructions on the worksheet and on slides 7 through 18, create your six door foldable and fill it in with the blue notes from the presentation
 - b. Create a page in your notebook and in your notebook's table of contents for the foldable
 - c. Glue the back side of the foldable only into your science notebook on this page.

Topic 2 (1 Day) Reading: The History of Cell Theory

1. Read the article titled Reading - History of Cell Theory
2. Answer the questions on the worksheet titled History of Cell Theory Reading Review

Topic 3 (1 Day) All About Cells Video and Worksheet

1. Open the packet to the worksheet: All About Cells
2. Complete the worksheet while watching the video on Youtube called: All About Cells and Cell Structure: Parts of the Cell for Kids - FreeSchool - <https://www.youtube.com/watch?v=3nBtY6LR030>

Topic 4 (3 Days) Cell Structure and Organization

1. On Schoology, in the Modern Cell Theory folder, open: 4 - Cell Structure and Organization Presentation
2. Open the packet to the Cell Organelle Graphic Organizer
 - a. At the top of the worksheet, define the terms "Prokaryotic Cell" and "Eukaryotic Cell" **in your own words**. You may use the notes and find other definitions to help you, but summarize them in your own words.
 - b. For each organelle in the table, copy the appropriate information from the presentation. Then, draw something to help you remember the organelle's job. Answer the last question in the row for each organelle.
3. Open the packet to the worksheet titled The City as a Plant Cell!

- a. For each cell organelle listed, choose a building or part of a city to compare it to. Explain the reason for each choice using your understanding of the function of each organelle.

Topic 5 (1-2 Days) The Immortal Cells of Henrietta Lacks

1. Watch the video on Youtube called: The immortal cells of Henrietta Lacks - Robin Bulleri - Ted Ed - <https://www.youtube.com/watch?v=22IGbAVWhro&t=207s>
2. Complete the worksheet in the packet called The Immortal Cells of Henrietta Lacks