

Lomax 8th Grade Pre-AP Science Outreach Learning
April 27 – May 1, 2020

8th Grade Pre-AP Science Week of April 27, 2020

Teacher/Team:

Kirsti Bostick / 8th Grade Science

If there are any questions, please feel free to email me/us at:

Email: bostickk@lpisd.org

Link to [TEAMS Folder](#)

[3rd Period TEAMS](#)
[6th Period TEAMS](#)

**Connect with us on
Remind!**

Text @bostickgt
to 81010

Previous Lessons:

You looked at the differences between Prokaryotic and Eukaryotic Cells along with cell organelles.

Objectives

Objective / I Can:

- Recognize the cell organelles and their function along with the structure of DNA.

Activities

Student Activities:

1. [Teacher Introduction Video](#) (3 min)

Day 1: Tuesday, April 28

2. Let's Learn About Mitochondria and Cell Parts!

- a. Watch the video links below. You will be using the information in the videos to be able to identify the function of mitochondria and other cell parts. Use this information from the videos as your notes and guide when completing the graded assignment.

[All About Mitochondria](#) (2 min)

[Introduction to Cells-Amoeba Sisters](#) (9 min)

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3. Practice

- a. I want you to practice the information that you just watched or read about from above. Remember, you're being graded on accurately identifying the function of the mitochondria and other cell organelles. Practice makes perfect!
- b. Click the link and work through a Quizlet vocabulary several times.

[Quizlet Practice](#)

4. Let's see what we know about the cell organelles!

- a. This is one of the assignments that will be graded this week.
After watching the video and practicing with the quizlet vocabulary you are ready to complete the work!
- b. Click on the link below to go to the forms titled "Mitochondria and Cell Parts". There are 12 questions that you'll answer by watching the short video clip that goes with each question. Take your time through the forms.

[Mitochondria and Cell Parts](#)

DAY 2: Wednesday, April 29

1. Let's look at DNA!

- a. Watch the brief videos below and click through the games that are there.
 - [The Wonders of DNA](#) (as taught by Ms. Bostick) (5 min)
 - [DNA Builder for Practice](#)

2. Practice

- c. I want you to practice the information that you just watched or read about from above. Remember, you're being graded on identifying the function of DNA and what it is made of. Practice makes perfect!
- d. Click the link and work through a Quizlet vocabulary several times. Become familiar with the terms and where you can find them within DNA.

[DNA Quizlet](#)

3. Let's see what we know about DNA!

- a. This is the assignment you'll be graded on for this week. Before you complete it, I highly recommend you watch the videos about and practice identifying how DNA is built and how it relates to heredity.

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- b. Once you feel confident, click on the Quizizz link below. This will be the second graded component for this week. You MUST log in to be able to complete the quizizz. Your log in information is the same as your school log in.

Let me know if you need any help!

[Quizizz](#) game code: **494216**

Pre-AP Extension!

1. Create your own DNA

- a. Watch the introductory video to the assignment.

[Intro Video](#)

- b. Here is the color coding key that you'll need to be able to build your own DNA.

[DNA Color Key](#)

- c. Then, click on the hyperlink forms below. There is the document that you will upload your file that shows your DNA. You can submit the assignment as a picture, word document, or a video clip! If you need help with any of this, just ask me!

[DIY DNA-Part 1](#)

Additional Resources if you need help:

- Ms. Bostick's Office Hours Wednesdays (1-3) and Thursday (1-3)
 - Help via email, Remind, video call via Microsoft TEAMS or join [Webex](#) to drop in and ask any questions! To join Webex just click the link above and sign in with your name and then you'll join the meeting. The meetings will be held for 1 hour during office hours, and I will send the link through email and remind minutes before the meeting begins!
- Extra Practice
 - [All About Cells! Video](#)
 - [Build DNA](#)
 - [Brain Pop- Cell Structures](#)
 - [Quizlet 1](#)
 - [Quizlet 2](#)
 - [Review Game Zone 1](#)
 - [Review Game Zone 2](#)

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Academic/Instructional Support

Schedule:

Tuesdays and Wednesdays – work on science work
(If you need help or don't understand the lesson/activity, email Ms. Bostick or send a message on Remind.)

Office Hours:

Wednesdays 1:00 – 3:00 pm
Thursday 1:00 – 3:00 pm

To Be Graded

Make sure you submit the following from this week's lesson through Microsoft Forms links above or through the TEAMS assignment tab:

- Mitochondria and Cell Parts (Submit through the Microsoft Forms link above)
 **DUE by Monday 5/4
- DNA Quizizz (Submit through the Quizizz link above)
 ** DUE by Monday 5/4