

## Lomax 8<sup>th</sup> Grade Science Outreach Learning April 27- May 1, 2020

### 8<sup>th</sup> Grade Science Week of April 27, 2020

Teacher

Casey Crittenden / 8<sup>th</sup> Grade Science

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

Email: [crittendenc@lpisd.org](mailto:crittendenc@lpisd.org)

**Connect with us on  
Remind!**

Text @ccritte  
to 81010

Link to [TEAMS Folder](#)

[2<sup>nd</sup> Period TEAMS](#)

[3<sup>rd</sup> Period TEAMS](#)

[6<sup>th</sup> Period TEAMS](#)

Check out Mr. Crittenden's [Teaching Videos on Flipgrid](#)

Previous Lessons:

We observed differences in prokaryotic/eukaryotic and plant/animal cells, specifically the organelles.

### Objectives

Objective / I Can:

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

### Activities

Student Activities:

- [Teacher Introduction Video](#) (~5 minutes)
- [FlipGrid Check in!](#)
  - Click the green plus sign, log in with your school information, and create!
    - If it asks for a code, use **8adb2191**
  - Sign in using your school email and answer this week's check in topic: Tell Mr. Crittenden what are key differences in prokaryotic and eukaryotic cells... which ones are we mostly made of?

**Day 1: Tuesday, April 28, 2020**

3. Let's Learn About Mitochondria and other Organelles!

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.

i. [All about mitochondria](#) (2 min)

ii. [Introduction to Cells](#) (9 min)

4. 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.

a. [Quizlet practice](#)

5. Let's see what we know about these types of cells!

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.

a. [Mitochondria and Cell Parts](#)

CONGRATS! END OF DAY 1!!

**Day 2: Wednesday April 22, 2020**

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### 1. Let's look at DNA

a. Watch the brief videos below and click through the games that are there.

i. [DNA Video](#) (as taught by Ms. Bostick) (5 min)

ii. [DNA Builder](#) (may need to enable flash)

### 2. Practice

a. 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!

b. Click the link and work through a Quizizz several times. Become familiar with the terms and where you can find them within DNA.

i. [DNA Base Pairing 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.

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!

i. Quizizz Code: 550320

### **Additional Resources if you need help:**

- Mr. Crittenden's Office Hours Wednesdays (1-3) and Thursdays (1-3)
  - Help via email, Remind, or video call via Microsoft TEAMS or join [Webex](#) to ask me any questions, or just say HI! Parents and students... I will be available during these office hours via webex and I will send links through remind just before the meeting begins.
- Extra Practice
  - [All about Cells! Video](#)
  - [Build DNA](#)
  - [Quizlet 1](#)
  - [Quizlet 2](#)

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- [Review Game Zone 1](#)
- [Review Game Zone 2](#)

### Academic/Instructional Support: Mr. Crittenden

Schedule:

Tuesdays and Wednesdays – work on science work

(If you need help or don't understand the lesson/activity, email Mr. Crittenden or send a message on Remind.)

Office Hours:

Wednesdays and Thursdays 1:00 – 3:00 pm

Use Webex (I will send the code just before office hours begin, it is also hyperlinked above under “additional resources”)

### To Be Graded

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