

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:

Kacey Sommers / 8th Grade Pre-AP Science

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

Email: sommersk@lpisd.org

**Connect with us on
Remind!**

Link to [TEAMS Folder](#)

[Sommers 2nd Period TEAMS](#)
[Sommers 6th Period TEAMS](#)

Text @sommerspap
to 81010

Previous Lessons:

Last week we learned about stars and the HR Diagram!

Objectives

Objective / I Can:

- I can recognize organelles within a cell including their structure and function.

Activities

Activity 1: Cell Organelles

1. [Teacher Introduction Video](#)
2. [Cell Organelles Video Notes](#)
 - a. Watch the video of Ms. Sommers teaching you about a few more cell organelles that are important to cell function. If you would like to take notes as you watch, grab a sheet of paper and a pencil!
3. [Cell Organelles Questions](#) **(THIS IS A GRADE!)**
 - a. Click on the link to show your knowledge of the cell organelles that are important to cell function in Microsoft Forms. READ THE DIRECTIONS AT THE TOP OF THE FORMS. You will answer 12 questions.

Activity 2: DNA

1. [DNA Video Notes](#)
 - a. Watch the video of Ms. Sommers teaching you about DNA and its structure. If you would like to take notes as you watch, grab a sheet of paper and a pencil!

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2. **DNA Practice** (Optional but good to do!)
 - a. [DNA Quizlet Flashcards](#)
 - b. [DNA Builder](#)
 - c. PRACTICE, PRACTICE, PRACTICE!!
3. [DNA Quizizz](#) **(THIS IS A GRADE!)**
 - a. Type in the code - **669453**
 - b. You MUST use your first and last name. NO NICKNAMES. Scores without names will not be counted.
 - c. If you are not happy with your grade, you may try again. Your grade will be the average of your first two attempts.

Pre-AP Extension!

1. [Build Your Own DNA!](#)
 - a. Build your own DNA of your traits! Click on the link and READ ALL THE DIRECTIONS! You can build your DNA, draw your DNA, or create your DNA on the computer.

Additional Resources if you need help:

- Ms. Sommers' Office Hours Wednesday (1-3) and Thursday (1-3)
 - Help via email, Remind, TEAMS, or live tutorials during office hours via the webex link provided (<https://laporteisd.webex.com/meet/sommersk>)
- Extra Videos
 - [Khan Academy – Eukaryotic Cell Organelles](#)
 - [Cell Organelles & Their Functions](#)
 - [Brain Pop – DNA](#) (username: lpisd password: brain20)
 - [DNA Structure](#)
- Extra Practice
 - [Quizlet – Parts of a Cell](#)
 - [Quizlet – DNA](#)
 - [What can your DNA say about you?](#)

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Academic/Instructional Support

Schedule:

Tuesday – work on science work
Thursday – work on science work you did not complete on Tuesday
(If you need help or don't understand the lesson/activity, email Ms. Sommers or send a message on Remind.)

Office Hours:

Wednesday 1:00 – 3:00 pm
Thursday 1:00 – 3:00 pm
Live tutorials during office hours via the webex link provided
(<https://laporteisd.webex.com/meet/sommersk>)

To Be Graded

Make sure you submit the following from this week's lesson:

1. Cell Organelles Questions– DUE by 8:00am on Monday 5/4

(Students will answer questions about the structure and function of specific cell organelles. This assignment will be turned in and graded through Microsoft Forms.)

2. DNA Quizizz– DUE by 8:00am on Monday 5/4

(Students will answer questions about the structure of DNA. This assignment will be turned in and graded through Quizizz. The grade will come from the average of the first two attempts.)