

Lomax 8th Grade Science Outreach Learning
April 20 – 24, 2020

8th Grade Science Week of April 20, 2020

Teacher/Team:

Kacey Sommers / 8th Grade Science

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

Email: sommersk@lpsd.org

**Connect with us on
Remind!**

Text @sommers8
to 81010

Link to [TEAMS Folder](#)

[Sommers 1st Period TEAMS](#)

[Sommers 3rd Period TEAMS](#)

[Sommers 5th Period TEAMS](#)

Previous Lessons:

Last week we learned about stars and the HR Diagram!

Objectives

Objective / I Can:

- I can differentiate between prokaryotic and eukaryotic cells and their organelles.

Activities

Activity 1: Prokaryotic & Eukaryotic Cells

1. [Teacher Introduction Video](#)
2. [Prokaryotic & Eukaryotic Cells Video Notes](#)
 - a. Watch the video of Ms. Sommers teaching you about the similarities and differences between prokaryotic and eukaryotic cells. If you would like to take notes as you watch, grab a sheet of paper and a pencil!
3. **Prokaryotic & Eukaryotic Cells Practice** (Choose one of the options below!)
 - a. [Prokaryotic & Eukaryotic Cells Quizizz](#) – CODE: **569810**
 - b. [Prokaryotic & Eukaryotic Cells Quizlet Flashcards](#)
 - c. PRACTICE, PRACTICE, PRACTICE!!
4. [Prokaryotic & Eukaryotic Cells Questions](#) **(THIS IS A GRADE!)**
 - a. Click on the link to show your knowledge of the stages of the similarities and differences between prokaryotic and eukaryotic cells in Microsoft Forms. READ THE DIRECTIONS AT THE TOP OF THE FORMS. You will answer 10 questions.

Activity 2: Cell Parts and Organelles

1. **[Cell Parts Video Notes](#)**
 - a. Watch the video of Ms. Sommers teaching you about the different parts of plant and animal cells. If you would like to take notes as you watch, grab a sheet of paper and a pencil!
2. **Cell Parts Practice** (Choose one of the options below!)
 - b. [Cell Parts Quizizz](#) – CODE: **396276**
 - c. [Cell Parts Quizlet Flashcards](#)
 - d. PRACTICE, PRACTICE, PRACTICE!!
3. **[Cell Parts and Organelles Questions](#)** **(THIS IS A GRADE!)**
 - a. Click on the link to show your knowledge of the different parts of plant and animal cells in Microsoft Forms. READ THE DIRECTIONS AT THE TOP OF THE FORMS. You will answer 11 questions.

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
 - [Prokaryotic and Eukaryotic Cells – The Amoeba Sisters](#)
 - [Study Jams – Animal Cells](#)
 - [Study Jams – Plant Cells](#)
 - [Brain Pop – Cells](#)
 - [Brain Pop – Cell Structures](#)
- Extra Practice
 - [Cell Parts Puzzle](#)
 - [Build a Cell Game](#)
 - [Cells Alive Puzzle Games](#)
 - [Review Game Zone – Parts of a Cell](#)
 - [Review Game Zone – Cell Structure and Function](#)

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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. **Prokaryotic & Eukaryotic Cells Questions– DUE by 8:00am on Monday 4/27**

(Students will answer questions about the similarities and differences between prokaryotic and eukaryotic cells. This assignment will be turned in and graded through Microsoft Forms.)

2. **Cell Parts Questions– DUE by 8:00am on Monday 4/27**

(Students will answer questions about the different parts of plant and animal cells. This assignment will be turned in and graded through Microsoft Forms.)