

**Lomax 8<sup>th</sup> Grade Pre-AP Science Outreach Learning**  
**May 18 – May 22, 2020**

**8<sup>th</sup> Grade Pre-AP Science Week of May 18, 2020**

Teacher/Team:

**Kirsti Bostick / 8<sup>th</sup> Grade Science**

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

**Email:** [bostickk@lpsd.org](mailto:bostickk@lpsd.org)

Link to [TEAMS Folder](#)

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

**Connect with us on  
Remind!**

Text @bostickgt  
to 81010

Previous Lessons:

You looked at Natural Selection.

**Objectives**

Objective / I Can:

- I can describe the components of photosynthesis and cellular respiration.

**Activities**

Student Activities:

1. Teacher Introduction Video (2 min)

**Day 1: Tuesday, May 19**

2. Let's Learn About Photosynthesis!

- a. Watch the video links below. You will be using the information in the videos to be able to identify how natural selection affects organisms and their environment. Use this information from the videos as your notes and guide when completing the graded assignment.

Photosynthesis Study Jam (As taught by Ms. Bostick) (7 min)

\*Thanks Study Jam 😊 \*

[Photosynthesis for Kids](#) (3 min)

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3. Practice

- a. I want you to practice the information that you just watched or read about from above. Practice makes perfect!
- b. Click the link below and you can brush up on and practice some information related to photosynthesis.

[Quizizz: Photosynthesis](#)

4. Let's see what we know about Photosynthesis!

- a. **This is one of the assignments that will be graded this week.**  
After watching the video and looking at what photosynthesis is you are prepared to complete this week's assignment!
- b. This assignment can be completed by watching this video. Then completing the forms questions. HINT\*\*The answers are in the video!!\*\*\* WATCH THE STUDY JAM VIDEO!

[Photosynthesis Study Jam Questions](#)

**DAY 2: Wednesday, May 20**

1. Let's look at how Photosynthesis can change an environment!

- a. Watch a brief video about how Photosynthesis can affect the environment.
  - o [Photosynthesis and how it Impacts Environments](#)

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 how photosynthesis can affect an environment. Practice makes perfect!
- d. Click the link below that will take you to a Photosynthesis Challenge. By completing the challenge you will be able to brush up on some photosynthesis knowledge that will help you!

[Brain Pop Challenge: Photosynthesis](#)

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3. Let's see what we know about Photosynthesis and Cellular Respiration!

- a. **This is the assignment you'll be graded on for this week.** Before you complete it, I highly recommend you watch the videos and practice being able to analyze photosynthesis and cellular respiration.
- b. Once you feel confident, click on the forms link below. This will be the second graded component for this week. You will complete a forms based on photosynthesis and cellular respiration. The notes and information that relate to this can be found in the videos throughout this lesson plan.

Watch the Brain Pop Videos below:  
(username - lpsid password - brain20)

[Video 1 - Photosynthesis](#)

[Video 2 - Cellular Respiration](#)

[Photosynthesis and Cellular Respiration Forms](#)

**Pre-AP Extension!**

1. Nature Selfie!

- a. For this week you are going to look at the nature that you have right in your own backyard...or garden, or near by park!
- b. The assignment is posted under the assignments tab in TEAMS. It is titled "Photosynthesis-Pre AP"
- c. You are going to determine how trees and the plants around you impact the environment. Post a selfie with your plant!

**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
- [Quizlet: Cellular Respiration](#)

**Academic/Instructional Support**

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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:**

- Photosynthesis Study Jams Forms (Submit through the forms link above)  
    \*\*DUE by Friday 5/22
- Photosynthesis and Cellular Respiration Forms (Submit through the forms link above)  
    \*\* DUE by Friday 5/22