

**Lomax 8<sup>th</sup> Grade Pre-AP Science Outreach Learning**  
**May 11 – May 15, 2020**

**8<sup>th</sup> Grade Pre-AP Science Week of May 11, 2020**

Teacher/Team:

**Kacey Sommers / 8<sup>th</sup> Grade Pre-AP Science**

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

**Email:** [sommersk@lpisd.org](mailto: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 describe how traits are passed down through natural selection.

**Activities**

**Activity 1: Natural Selection**

1. [Teacher Introduction Video](#)
2. [Natural Selection Brain Pop Video](#)
  - a. [Login Info](#) – username: lpisd password: brain20
  - b. Watch the video about Natural Selection. If you would like to take notes as you watch, grab a sheet of paper and a pencil!
3. [Peppered Moth Video Questions](#) **(THIS IS A GRADE!)**
  - a. Click on the link and watch the video about Peppered Moths. As you watch, answer the questions in Microsoft Forms. READ THE DIRECTIONS AT THE TOP OF THE FORMS. You will answer 10 questions.

**Activity 2: Natural Selection & Selective Breeding**

4. **Natural Selection Practice Games** (Choose ONE or do all 3!)
  - a. [Peppered Moth Game](#)
  - b. [Nowhere to Hide Game](#)
  - c. [Build Your Own Bird Game](#)

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5. **Natural Selection Questions** **(THIS IS A GRADE!)**

- d. Click on the link and show your knowledge of natural selection and selective breeding by answering the questions in Microsoft Forms. READ THE DIRECTIONS AT THE TOP OF THE FORMS. You will answer 11 questions.

**Pre-AP Extension!**

- **Build Your Own Bird!**
  - Build your won bird and see if it can survive based on its traits! Click on the link and READ ALL THE DIRECTIONS!

**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
  - [Amoeba Sisters – Natural Selection](#)
  - [Crash Course Kids – Living Things Change](#)
  - [What is Selective Breeding?](#)
- Extra Practice
  - [Flap to the Future Brian Pop Game](#) ( username: lpisd password: brain20 )
  - [Natural Selection Virtual Lab](#)
  - [Quizlet – Natural Selection](#)

**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**

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

**1. Peppered Moth Video Questions– DUE by 8:00am on Monday 5/18**

(Students will answer questions about the peppered moth and natural selection. This assignment will be turned in and graded through Microsoft Forms.)

**2. Natural Selection Questions– DUE by 8:00am on Monday 5/18**

(Students will answer questions about natural selection and selective breeding. This assignment will be turned in and graded through Microsoft Forms.)