

**Lomax 8<sup>th</sup> Grade Science Outreach Learning**  
**May 4 – May 8, 2020**

**8<sup>th</sup> Grade Science Week of. May 4, 2020**

Teacher/Team:

**Kacey Sommers / 8<sup>th</sup> Grade 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!**

Text @sommers8  
to 81010

Link to [TEAMS Folder](#)

[Sommers 1<sup>st</sup> Period TEAMS](#)

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

[Sommers 5<sup>th</sup> Period TEAMS](#)

Previous Lessons:

Last week we learned about cells and DNA!

## Objectives

Objective / I Can:

- I can recognize how traits are passed down and their probability in a Punnett Square.

## Activities

### Activity 1: Inheritance

1. [Teacher Introduction Video](#)
2. [Inherited Traits Video](#)
  - a. Watch the video of Dr. Jeff talk to you about inheritance and traits.  
(Warning – cute puppies in this video!! 😊)
3. **Mr. Potato Head Traits (THIS IS A GRADE!)**
  - a. Go to your **class TEAMS** and click on the **Assignments tab**. Open the assignment called **“Mr. Potato Head.”** Follow the instructions on the assignment. You will turn in this assignment through TEAMS.

### Activity 2: Punnett Squares

4. [Punnett Squares Video Notes](#)
  - a. Watch the video of Ms. Sommers reviewing with you how to determine the probability of traits using a Punnett Square. If you would like to take notes as you watch, grab a sheet of paper and a pencil!

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5. **Punnett Square Practice** (Choose ONE or do both!)
- [Punnett Square Quizlet Flashcards](#)
  - [Build a Monster](#)
  - PRACTICE, PRACTICE, PRACTICE!!
6. [Punnett Square Quizizz](#) **(THIS IS A GRADE!)**
- Type in the code – **353778 911643**
  - You MUST use your first and last name. NO NICKNAMES. Scores without names will not be counted.
  - If you are not happy with your grade, you may try again. Your grade will be the average of your first two attempts.

### **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
  - Brain Pop – [Genetics](#) & [Heredity](#) (username: lpisd password: brain20)
  - [Study Jams – Heredity](#)
  - [What is a trait?](#)
- Extra Practice
  - [Drag & Drop Genetics](#)
  - [Punnett Square Calculator](#)
  - [Review Game Zone – Genetics](#)
  - [Review Game Zone – Genetics 2](#)

### **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>)

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**To Be Graded**

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

1. **Mr. Potato Head Traits– DUE by 8:00am on Monday 5/11**  
(Students will create their own Mr. Potato Head out of their own traits. This assignment will be turned in and grade through the assignments tab in TEAMS.)
2. **Punnett Square Quizizz– DUE by 8:00am on Monday 5/11**  
(Students will answer questions about inheritance and Punnett Squares. This assignment will be turned in & graded through Quizizz. The grade will come from the average of the first two attempts.)