

La Porte J H 8th Grade Science Outreach Learning
May 11 – 15, 2020

8th Grade Science Week of May 11, 2020

Teacher/Team:

Veronica DeLeon / 8th Grade Science

If there are any questions, please feel free to email me/us at: deleonv@lpisd.org

Email: deleonv@lpisd.org

Links to [TEAMS Folder ->](#)

[1st Period TEAMS](#)

Log in to Office 365 to access TEAMS or click on the links to the right

[2nd Period TEAMS](#)

[3rd Period TEAMS](#)

[6th Period TEAMS](#)

Previous Lessons:

Last week we learned how to recognize how traits are passed down and their probability in a Punnett Square !

Connect with me on Remind!

Text @deleonsci8
to 81010

You can now reach me on my Google number!

281-968-9025

Objectives

Objective / I Can:

- I can describe how traits are passed down through natural selection.



Activities

Student Activities: Natural Selection & Selective Breeding

ACTIVITY 1 – Natural Selection & Selective Breeding

1. Watch the videos on Natural Selection! (This is a review from 7th grade AND to prepare you for HS Biology).
 - a. Click on the Brain Pop video on Natural Selection - → username: LPISD password: brain20
<https://www.brainpop.com/science/cellularlifeandgenetics/naturalselection/>
 - b. Click on the link to watch a short video on What is natural selection -
<https://youtu.be/OSCjhl86grU>
 - c. Mrs. O recorded an Edusmart on Natural Selection – feel free to watch!
<https://www.loom.com/share/9074fadca2144b5d9c18fe07235d8196>
 - d. See MORE videos in the EXTRA VIDEOS section 😊

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2. Play this Peppered Moth game from Ask a Biologist - <https://askabiologist.asu.edu/peppered-moths-game/play.html> (it is also linked in the FORMS link below).
3. Click on the FORMS link below to watch the video from MOSA MACK and enter your answers. This activity is for a grade!

Be sure to click on FORMS link for a grade! Don't forget to "select" your correct class period!



[1st Period - Natural Selection](#)

[2nd Period - Natural Selection](#)

[3rd Period - Natural Selection](#)

[6th Period - Natural Selection](#)



ACTIVITY 2 - Natural Selection & Selective Breeding

1. Introduction video from Mrs. O:
<https://www.loom.com/share/91d6d2b831d74f03b25fa09e5e3868d9>
2. Play the Nowhere to Hide Game – it's similar to the Peppered Moth Game!
<http://sciencenetlinks.com/media/filer/2017/12/21/evolution.html>
3. **THIS!!!-->** Check out this Build-a-Bird Game! What percentage does YOUR bird have for survival?! Build Your Own Bird Game <http://www.projectbeak.org/adaptations/build.htm>
4. After you have practiced playing the games above, click on your class period FORMS link below to enter your answers about Natural Selection and Selective Breeding.

For a grade!

[1st Period Natural Selection & Selective Breeding FORMS link](#)

[2nd Period - Natural Selection & Selective Breeding FORMS link](#)

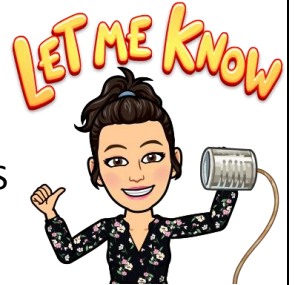
[3rd Period - Natural Selection & Selective Breeding FORMS link](#)

[6th Period - Natural Selection & Selective Breeding FORMS link](#)

Be sure to click on your correct class period link! This activity is for a grade!



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Additional Resources if you need help:

- Mrs. DeLeon's Office Hours Wednesdays (9-11) and/or (1-3)
 - Help via email, Remind, or video call via Microsoft TEAMS
 - Google Voice – 281-968-9025 (call or text)
- Extra Videos
 - 25 amazing adaptations - https://youtu.be/U_YDOXU0TNU
 - Evolution explained in 1 minute - <https://youtu.be/BgqVPFiMhA0>
 - Evolution of the peppered moth - <https://youtu.be/LyRA807dJLc>
 - Galapagos the finches - <https://youtu.be/l25MBq8T77w>
 - natural selection explained - <https://youtu.be/X-CL4MywfkC>
 - The making of the fittest – rock pocket mouse - <https://youtu.be/wrTXvrKBlbc>
 - Antibiotic resistance - <https://youtu.be/znnp-lvj2ek>
 - Natural selection misconceptions - <https://youtu.be/OAgAzqEtNZU>
 - Natural selection why does it take so long - <https://youtu.be/0lluuX7lsFk>
 - Brain Pop – Charles Darwin - <https://www.brainpop.com/science/famousScientists/charlesdarwin/>
 - (Funny) Camel adaptation song with lyrics - <https://youtu.be/YpGg-m8wyY4>
 - Amoeba Sisters – Natural Selection <https://youtu.be/7VM9YxmULuo>
 - Crash Course Kids – Living Things Change <https://youtu.be/xDSFIRunlrU>
 - What is Selective Breeding? <https://youtu.be/ad4yB63tryI>
- Extra Practice
 - Quizlet:
<https://quizlet.com/266932803/natural-selection-and-selective-breeding-flash-cards/>

Quizizz: (solo practice mode)

<https://quizizz.com/join/quiz/56ca17b2a9e3c44633c7dcf8/start?from=soloLinkShare&referrer=552fb2df1c2d7df211f316af>

<https://quizizz.com/join/quiz/5a9579654faf050019eebc9a/start?from=soloLinkShare&referrer=552fb2df1c2d7df211f316af>

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- Interactives/Activities

- Angel fish breeding game - http://www2.open.ac.uk/openlearn/angel_fish/
- Brain Pop – Flap to the Future Game
https://www.brainpop.com/games/flaptothefuture/?topic_id=d8635e49fcfc9f
- Natural Selection Virtual Lab
http://www.glencoe.com/sites/common_assets/science/virtual_labs/LS06/LS06.html

Academic/Instructional Support



Schedule:

Tuesdays and Thursdays – work on science work
(If you need help or don't understand the lesson/activity, email Mrs. DeLeon or send a message on Remind, TEAMS or call/text 281-968-9025).

Office Hours:

PLEASE check in weekly. This is part of your grade. This can be on any of the platforms listed above.

Wednesdays 9:00 – 11:00 am
Friday 9:00 – 11:00 am

To Be Graded

Make sure you submit the following from this week's lesson: **FORMS HIGHLIGHTED LINKS!**

Activity 1: Natural Selection FORMS (GRADE)

****DUE by 8:00am on Monday 5/18**

Activity 2: Natural Selection & Selective Breeding FORMS (GRADE)

****DUE by 8:00am on Monday 5/18**

“
Education is
the most **POWERFUL**
WEAPON
which *you* can use
to *change*
the **WORLD**.
”

-Nelson Mandela



I miss you Bullpups!