

LPJ 8th Grade Science Outreach Learning
May 18-22, 2020

8th Grade Science Week of May 18, 2020

Teacher/Team:

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

Previous Lessons:

6th Grade &
7th Grade
Cells, DNA

Shawn Oliphint / 8th Grade Science

Email: oliphints@lpisd.org

Voicemail/texting: (281) 402-9291

Phone availability: T-Th 8am – 3 pm

Office Hours: Wed: 9-11 and 1-3

**Connect with me on
Remind**

Science with Mrs. O

Send a [text to 81010](#)

Text this message
[@oliphints](#)

Last week we reviewed Natural Selection & Selective Breeding. Stay tuned for Science with Rascal! Some of this lesson is from 6th and 7th grade! You will need it again next year in 9th 😊

Objectives

Objective / I Can:

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

Activities

Some things I noticed you missed last week.

1. Punnett Squares:

Capital letters = dominant traits.

Lowercase letters = recessive traits.

2. Genotypes = the genes or the “letters” HH or Hh or hh

3. Phenotypes = the physical traits or photo of you “blond hair” or “Green eyes” or “white fur” or “brown fur”

Hint: There is a full format of this lesson in resources on your TEAMS Files, Class Materials Folder. (Click on link above to get to TEAMS) – Please let me know if you have questions.

Activity 1 week of 5/18: - DUE Friday, 5/22

Please **Mrs. Oliphint here in the outdoor Classroom**

1. Watch the videos on Photosynthesis & Cellular Respiration!

Edusmart – Do the introduction video & the Student Review – You may do the other activities if you choose, but for sure do the intro and student review! ☺

<https://lms.edusmart.com/edusmart/web/startpage/Index.aspx>

Login → Username: stu.lpsd Password: stu.lpsd District: DAILY LESSONS

2. [Click here to review Photosynthesis!](#)
3. [Click here to PRACTICE QUIZZZ](#) Practice with Quizizz **BEFORE** you do the FORMS (trust me!) Use your: FIRST & LAST NAME as your username. Go to joinmyquiz.com CODE: 1085808
4. Please **CLICK BELOW** and **submit in FORMS DUE 5/22** for your grade – (FORMS).

[1st Period](#)

[2nd Period](#)

[3rd Period](#)

[5th Period](#)

[6th Period](#)

Student Activity 2 week of 5/18

Photosynthesis & Cellular Respiration

1. Play the [Brain Pop Photosynthesis Challenge](#)
Brain Pop Login → Username: LPISD Password: brain20
2. Play the [Brain Pop Cellular Respiration](#)
Brain Pop Login → Username: LPISD Password: brain20
3. Please **click below** and **submit in FORMS due 5/22/2020** for your grade (BrainPop Forms)

[1st Period](#)

[2nd Period](#)

[3rd Period](#)

[5th Period](#)

[6th Period](#)

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ADDITIONAL RESOURCES, LINKS, PRACTICE, & VIDEOS:

Videos:

- Extra Videos
 - Photosynthesis for kids <https://www.youtube.com/watch?v=68b1HAIfX08>
 - <https://www.youtube.com/watch?v=IlN136eMI4g>
 - Photosynthesis parody - <https://www.youtube.com/watch?v=xMSNBICX8LA>
 - Photosynthesis rap - <https://www.youtube.com/watch?v=x-t0sGyjfto>
- Extra Practice
 - Quizlet:
<https://quizlet.com/506354169/photosynthesis-flash-cards/>
<https://quizlet.com/500699230/cellular-respiration-cellular-respiration-diagram>
- Interactives/Activities
 - If you scroll down there is a fill in the blank practice - <https://sciencemusicvideos.com/photosynthesis-overview/>

Science Mutations

<https://www.youtube.com/watch?v=weV4CUSZw7w>

Crash Course Kids – Living Things Change

<https://youtu.be/xDSFIRunlrU>

Nowhere to Hide **Great interactive on natural selection & camouflage**

<http://sciencenetlinks.com/esheets/nowhere-to-hide/>

Natural Selection Virtual Lab

http://www.glencoe.com/sites/common_assets/science/virtual_labs/LS06/LS06.html

25 amazing adaptations - https://youtu.be/U_YD0XU0TNU

Evolution explained in 1 minute - <https://youtu.be/BgqVPFiMhA0>

What is natural selection - <https://youtu.be/0SCjhI86grU>

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 why does it take so long - <https://youtu.be/0lluuX7lsFk>

Camel adaptation song with lyrics - <https://youtu.be/YpGg-m8wyY4>

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Additional Resources if you need help:

- Mrs. Oliphint's Office Hours will be Wednesday (9-11 or 1-3)
 - Help via email, Remind, or video call or chat on Microsoft TEAMS, Google voice phone number 281-402-9291 for texting or voicemail

Academic/Instructional Support

Schedule:

Tuesday & Thursday – work on science work

Office Hours:

Wednesday 9:00 – 11:00 am or 1:00 – 3:00 pm
 Log into TEAMS and we can text/chat online –
 PLEASE check in weekly. This is part of your grade.
 If you need help or do not understand the lesson/activity, email me, send a message in TEAMS, or call/text 281-402-9291.
 Stay tuned for “Science with Rascal!”

To Be Graded

Make sure you submit the following from this week's lesson through Microsoft Forms: Study Jams Forms & BrainPop Forms

When is it due? **Friday May 22, 2020 at end of day**

What assignments will the student submit?

1. FORMS – Study Jams.
2. FORMS - Brain Pop

How will it be submitted?

Electronically.