

LPJ 8<sup>th</sup> Grade Science Outreach Learning  
April 20-24, 2020

8<sup>th</sup> Grade Science Week of April 20, 2020

Teacher/Team:

**Shawn Oliphint / 8<sup>th</sup> Grade Science**

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

**Email:** [oliphints@lpisd.org](mailto:oliphints@lpisd.org)

Voicemail/texting: (281) 402-9291

Phone availability: T-Th 8am – 3 pm

Link to TEAMS FOLDERS:

[1st Period TEAMS](#)

[2nd Period TEAMS](#)

[3rd Period TEAMS](#)

[5th Period TEAMS](#)

[6th Period TEAMS](#)

Previous Lessons:

6<sup>th</sup> Grade

Solar System

Objects in the Solar System

**Connect with me on  
Remind**

**Science with Mrs. O**

Send a text to 81010

Text this message

[@oliphints](#)

Last week we reviewed the H-R Diagram! This week we will change subjects and review the Cells. Stay tuned for Rascal's investigation into Microscopes! Some of this lesson is from 6<sup>th</sup> and 7<sup>th</sup> grade! You will need it again next year in 9<sup>th</sup> 😊

**Objectives**

Objective / I Can:

- Differentiate between prokaryotic and eukaryotic cells and their organelles.

**Activities**

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.

**REVIEW FROM LAST WEEK:**

I noticed the questions that were missed most:

1. The SUN looks so bright, because... (it is so close to us). It is NOT the brightest star out there.
2. Information on White Dwarf stars. These are stars that are close to the end of their life. They have little gas left to burn.

**Activity 1 week of 4/20:**

1. **MUST click & Watch:** [Hi and I Miss YOU](#)
2. [Click Here for Intro to Prokaryotic and Eukaryotic](#)

Next Please Practice BEFORE Taking the quiz in forms...

3. [Click here for more practice](#): Kessler Video
4. [Click here for more practice](#) - Kahn Academy – Prokaryotic and Eukaryotic Cells
5. Take the FORMS Quiz for your grade – Watch the VIDEO in FORMS prokaryotic cells vs. eukaryotic cells

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1. **Student Activity 2 week of 4/20:** We will be reviewing Plant and Animal Cells from 6<sup>th</sup> & 7<sup>th</sup> Grade:
2. Study Jams – Plant / Animal cells  
<http://studyjams.scholastic.com/studyjams/jams/science/plants/plant-cells.htm> - plant cells  
<http://studyjams.scholastic.com/studyjams/jams/science/animals/animal-cells.htm> - animal cells
3. Cells Alive – [Click HERE For Practice](#)
4. Take the FORMS Quiz for your grade – compare plant & animal cells

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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 for texting or voicemail.
- Extra Videos
- CELL RAP -  
<https://www.youtube.com/watch?v=-zafJKbMPA8>  
[https://www.youtube.com/watch?v=RKmaq7jPnYM&feature=emb\\_rel\\_pause](https://www.youtube.com/watch?v=RKmaq7jPnYM&feature=emb_rel_pause)  
<https://www.youtube.com/watch?v=URUJD5NEXC8>
- **ACTIVITIES/INTERACTIVES** : Extra Practice
- Quizlet with pictures. <https://quizlet.com/328663689/prokaryotic-and-eukaryotic-cells-flash-cards/>
- Different Cell puzzles. Neat and a good check for understanding  
<https://www.cellsalive.com/puzzles/>
- Cell puzzle where students place pictures (animal and plant)  
<http://planeta42.com/biology/cellPuzzle/>
- Build a cell  
<https://www.legendsoflearning.com/learning-objectives/parts-of-the-cell/>  
<https://games.legendsoflearning.com/games/WyJnYW1lcyIsNjEwXQ==>  
[https://biomanbio.com/GamesandLabs\\_old/Cellgames/Cells.html](https://biomanbio.com/GamesandLabs_old/Cellgames/Cells.html)
- Weebly worksheet:  
[http://mspgarrett.weebly.com/uploads/3/9/8/3/39836405/prokaryote\\_and\\_eukaryote\\_cells\\_webquest\\_student\\_handout.pdf](http://mspgarrett.weebly.com/uploads/3/9/8/3/39836405/prokaryote_and_eukaryote_cells_webquest_student_handout.pdf)

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**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:**

When is it due? April 27, 2020

What assignments will the student submit?

1. Forms on Prokaryotic vs. Eukaryotic
2. Forms on Organelles & Cells: plant and animal

How will it be submitted?

Electronically.