

**LPHS Physics Outreach Learning**  
**April 27- May 1, 2020**

**PHYS: 11<sup>th</sup> & 12<sup>th</sup>    Week of: April 20- May 1, 2020**

Teacher/Team:  
If there are any  
questions, please  
feel free to email  
me/us at:  
(Email Address of  
the Teacher)

[riegertm@lpisd.org](mailto:riegertm@lpisd.org)

[Physics 3rd Period](#)

[Physics 8th Period](#)

Electric Power

[https://www.youtube.com/watch?v=e58gwmsxb1E&list=PL6Pw5RXSrjGNN6Kp1fq7X\\_rgoGu6qKM8j&index=95](https://www.youtube.com/watch?v=e58gwmsxb1E&list=PL6Pw5RXSrjGNN6Kp1fq7X_rgoGu6qKM8j&index=95)

Link to [TEAMS](#)  
[Folder](#)

Calculating the Cost of Electric Power

<https://www.youtube.com/watch?v=nnsI-lIhdM>

Link to:  
(Resources).

## Objectives

Objective / I Can:

- design, construct, and calculate in terms of current through, potential difference across, resistance of, power used by electric circuit elements.

## Activities

Student Activities:    (Resources, videos for students to use.)

Go to [Teams Folder](#). Look for the assignments:

1. Take notes while watching the Hewitt Drew It and Energy Cost videos linked
2. Read through the highlighted notes on Electricity: Power, paying close attention to the identified formulas. Review the solved example problems.
3. Complete the Power practice problems.
4. Log onto phet website: <http://phet.colorado.edu/en/simulation/battery-resistor-circuit> Complete the Ohm's Law Lab activity.

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### Academic/Instructional Support

Schedule: Teacher Support - TEAMS  
*Support for each student will be available through TEAMS and Remind.*

Office Hours: Office hours: 8am -12pm M-F, [riegertm@lpisd.org](mailto:riegertm@lpisd.org)

### To Be Graded

Assignment for students to submit to TEAMS Folder:

1. Power practice problems
2. Ohm's Law lab

When is it due? All assignments due: May 4, 2020 by 8am.

What assignments will the student submit?

1. Power practice problems
2. Ohm's Law Lab activity

How will it be submitted?

Electronically, except by individual arrangement.