

LPHS Physics Outreach Learning
May 18-22, 2020

PHYS: 11th & 12th Week of: May 18-22, 2020

Teacher/Team:

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

(Email Address of the Teacher)

riegertm@lpsd.org

[Physics 3rd Period](#)

[Physics 8th Period](#)

Link to [TEAMS Folder](#)

Link to: *(Resources)*.

[Hewitt Drew It: Electromagnetic Induction](#)

[Electromagnetic Induction](#)

[PhET Simulation: Generators, Faradays Law, Magnetic Fields](#)

Objectives

Objective / I Can:

- identify examples of electric and magnetic forces in everyday life.
- investigate and describe the relationship between electric and magnetic fields in applications such as generators, motors, and transformers.

Activities

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

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

1. Take notes while watching the Electromagnetic Induction videos.
2. Read through the highlighted notes on Magnetism: Magnetic Flux and Induced Voltage, paying close attention to the identified formulas. Review the solved example problems.
3. Complete the Magnetic Flux and Induced Voltage practice problems.
4. Complete the PhET Simulation: Generators, Faradays Law, Magnetic Fields simulation and worksheet.

Academic/Instructional Support

LPHS Physics Outreach Learning

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Schedule:	Teacher Support - TEAMS <i>Support for each student will be available through TEAMS and Remind.</i>
Office Hours	Office hours: 8am -12pm M-F, riegertm@lpisd.org

To Be Graded

Assignment for students to submit to TEAMS Folder:

1. Magnetic Flux and Induced Voltage practice problems
2. PhET Simulation: Generators, Faradays Law, Magnetic Fields simulation and worksheet.

When is it due? All assignments due: May 25, 2020 by 8am.

What assignments will the student submit?

1. Magnetic Flux and Induced Voltage practice problems
2. PhET Simulation: Generators, Faradays Law, Magnetic Fields simulation and worksheet.

How will it be submitted?

Electronically, except by individual arrangement.