

LPHS Physics Outreach Learning
March 25 - 27, 2020

PHYS: 11th & 12th Week of March 25-27, 2020

Teacher/Team:

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

(Email Address of the Teacher

Link to [TEAMS Folder](#)

Previous Lessons:

Link to: *(Resources)*.

Mr. Riegert

riegertm@lpisd.org

[Physics 3rd Period](#)

[Physics 8th Period](#)

Kahn Academy: <https://www.youtube.com/watch?v=NXMgvrS8Gr8>

Objectives

Objective / I Can:

- describe and calculate how the magnitude of the electrical force between two objects depend on their charges and the distance between them.
- Identify examples of electric and magnetic forces in everyday life.

Activities

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

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

1. Take notes while viewing the Kahn Academy video (<https://www.youtube.com/watch?v=NXMgvrS8Gr8>) introducing electrostatic charge and electrostatic force.
2. Review concepts and terminology on highlighted note page. Solved examples are provided for students to follow.
3. Complete Electrostatic Force practice problems on page 2 of the two page attachment.
4. Complete the Electrostatic Force Quiz.

Academic/Instructional Support

Schedule:

Office Hours

Teacher Support – TEAMS

Support for each student will be available through TEAMS and Remind.

Office hours: 8am – 12pm M-F, riegertm@lpisd.org

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To Be Graded

Assignment for students to submit to TEAMS Folder:

1. Electrostatic Force practice problems #1-5 will be worth 2 points each, for a total of 10 points possible. Students will need to show their work and identify their answers with the proper units.
2. Electric Force Quiz questions #1-2 will be worth 3 points each, questions #3 – 5 will be worth 1 point each and question #6 will be worth 3 points for a total of 12 points possible.

When is it due? All assignment due: March 30, 2020 by 8am.

What assignments will the student submit?

1. Electrostatic Force practice problems #1-5
2. Electrostatic Force Quiz

How will it be submitted?

Electronically, except by individual arrangement.