La Porte Junior High *Science* Outreach Learning
May 11-14, 2020

Week of *May 11, 2020*	
Teacher: If there are any questions, please feel free to email me/us at: (*Email Address of the Teacher)* Link to TEAMS Folder Previous Lessons: Average Speed & Motion Graphs Link to: (*Resources*).	**Ms. Betsy Selby** **selbyb@lpisd.org**

Objectives: (Potential & Kinetic Energy)

Objective / I Can:

- Differentiate between examples of potential and kinetic energy.

Activities

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

Go to Teams Folder. Look for the assignment:

Activity 1 –
Teacher Intro Video:

1. Brain Pop – https://forms.office.com/Pages/ShareFormPage.aspx?id=jYFxoMPeBU25NNkt3kxq--brSb90WqZFr2yJpANLGbdUNEo5VEtNSk9SODRUOE1FWFRGV0JaOVZXOS4u&sharetoken=8ml0jf1eoT00QELv3scI
2. PHET Simulations
   https://phet.colorado.edu/sims/html/energy-skate-park-basics/latest/energy-skate-park-basics_en.html
   4. Forms Quiz: https://forms.office.com/Pages/ShareFormPage.aspx?id=jYFxoMPeBU25NNkt3kxq--brSb90WqZFr2yJpANLGbdUQ05DSUUyNzJTS0c5MzlLUFZJUTBFTVFLWS4u&sharetoken=pdqwbmnPzdn2qM7IwBDq

Activity 2

1. PHET Simulations - https://interactives.ck12.org/simulations/physics/trampoline/app/index.html

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2. Web quest – quiz

https://teams.microsoft.com/l/file/C6966D76-A868-416A-8ABC-2FF69A486A45?tenantId=a071818d-dec3-4d05-b934-d92dde4c6afb&fileType=pdf&objectUrl=https%3A%2F%2Flpisd4.sharepoint.com%2Fsites%2FLXJLPJScienceTeams%2FShared%20Documents%2FGeneral%2F7th%20Grade%20Lessons%2FWeek%208%20-%20Potential%20%26%20Kinetic%20Energy%2FResources%2Fpotential_and_kinetic_energy_webquest%20(5).pdf&baseUrl=https%3A%2F%2Flpisd4.sharepoint.com%2Fsites%2FLXJLPJScienceTeams&serviceName=teams&threadId=19:44afde6e3b3a45aa92e35e0fa56f6d68@thread.tacv2&groupId=d1c737e7-eea6-4cde-9a33-221446c471e9

Pre AP Extension: Draw a roller coaster. Drop a tennis ball or a bouncy ball. Draw the motion of it to see the differences between potential and kinetic. Tell the relationship of high potential = low kinetic **AND** low potential = high kinetic. Upload teacher choice: teams or flipgrid or forms.

Academic/Instructional Support

Schedule:	Teacher Support - TEAMS *Mon.-Thurs. 9-11AM & 1-3PM*
Email:	**Selbyb@lpisd.org**

To Be Graded

Assignment for students to submit to TEAMS Folder:

1. FORMS – FORMS
2. Webquest – FORMS

When is it due? May 18, 2020

What assignments will the student submit?

1. Brain Pop - FORMS
2. Webquest - FORMS

How will it be submitted?

Electronically