

Lomax 7th Grade Science Outreach Learning
May 11 – May 14, 2020

7th Grade Science Week of May 11 - 14

Teacher/Team:

Kameshia Simpson/7th Grade Science

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

Email: simpsonk@lpsd.org

Link to [K Simpson 7th Grd General Science Folder in TEAMS](#)

CLASS PERIOD LINKS IN TEAMS BELOW:

[Simpson 1st PERIOD](#)
[Simpson 2nd PERIOD](#)
[Simpson 3rd PERIOD](#)
[Simpson 5th PERIOD](#)
[Simpson 6th PERIOD](#)
[Simpson 7th PERIOD](#)

Previous Lessons:

Last week, we learned about Motion Graphs and Average Speed.

**Connect with me on
Remind!**

Text @lxj7sci
to 81010

Objectives

- Objective / I Can identify the differences between potential and kinetic energy.

Activities (you must complete them all)

Student Activities:

Go to [Teams Folder](#) to locate the assignment:

FIRST: Teacher Introduction Video

→ Link here [Mrs. Simpson's Online Teaching Introduction Video](#)

ACTIVITY 1 for Week 8

1. **LESSON: [Mosa Mack: Potential & Kinetic Energy Video \(6:17 mins\)](#)**- watch this video as your lesson explaining what both potential & kinetic energy are. This video will help you answer questions on your graded assignment.
2. **LESSON: [BrainPop - Potential & Kinetic Energy \(2:39 mins\)](#)**- watch this video as your lesson further explaining both potential & kinetic energy. This video will help you answer questions on your graded assignment.

*****BRAINPOP USERNAME: lpsd PASSWORD: brain20*****

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3. **GRADED ASSIGNMENT #1:** [Potential & Kinetic Energy Questions](#) Click on this link to your assignment questions. It will take you directly to MS Forms. Please limit your submissions to no more than TWO. I will take the highest grade of the two. Use your lessons (above) to assist you while answering the questions.

ACTIVITY 2 for Week 8

1. **LESSON:** [Energy Kids: Forms of Energy Article](#) - read this article explaining potential & kinetic energy. This article will help you answer the questions for section 1 on your graded assignment.
2. **LESSON:** [PBS: Energy in a Rollercoaster Ride Simulation](#)- you will need to click “launch”, then click on “step” to watch the rollercoaster in slow motion. Continue to click step-by-step & observe at EACH step if the rollercoaster has more kinetic or potential energy. This simulation will help you answer questions for section 2 on your graded assignment.
3. **LESSON:** [Potential & Kinetic Energy Word Game](#)– click “play this game” to insert the correct words for each sentence. Click on “check your answers”. This game will help you answer the questions for section 3 on your graded assignment.
4. **GRADED ASSIGNMENT #2** [WebQuest Potential/Kinetic Energy Questions](#)- Click on this link to MS Forms to answer your assignment questions. Complete all questions before submitting. Please limit your submission to no more than TWO. I will take the highest grade of the two. Use your lesson(s) (above) to assist you with answering the questions.

PRE-AP LESSON EXTENSION

1. [Rollercoasters & Winter Olympics!](#) – click on this link that will take you directly to MS Forms to watch either the rollercoaster OR the winter Olympics video & answer the following questions.

EXTRA PRACTICE

- [Quizlzz Potential & Kinetic Energy](#)

Academic/Instructional Support

Schedule:

Tuesdays and Thursdays – work on science work
(If you need help or don’t understand the lesson/activity, email Mrs. K Simpson or send a message on Remind.)

Office Hours

Tuesdays 1:00 – 3:00 pm
Thursdays 1:00 – 3:00 pm

To Be Graded: Due Monday May 18th, 2020 by 8am

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Make sure that you submit the following from this week's lesson through Microsoft Forms that can be found in your class period's folder OR click on the link(s) below:

- 1. Graded Assignment #1 – [Potential & Kinetic Energy Questions](#)**
- 2. Graded Assignment #2 - [WebQuest Potential/Kinetic Energy Questions](#)**
- 3. Pre-AP Lesson Extension (REQUIRED) - [Rollercoasters & Winter Olympics!](#)**