

Lomax 7th Grade Science Outreach Learning
April 27 – April 30, 2020

7th Grade Science Week of April 27 – April 30

Teacher/Team:

Kameshia Simpson/7th Grade Science

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

Email: simpsonk@lpisd.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](#)

**Connect with me on
Remind!**

Text @lxj7sci
to 81010

Previous Lessons:

Last week, we learned about Watersheds, Surface Water & Groundwater.

Objectives

- Objective / I Can explain determine the differences between metals, non-metals, & metalloids. I can also explain metals and compounds based on the periodic table of elements.

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 6

1. **LESSON: [Periodic Table Song \(3:05 mins\)](#)**-watch this video first as your lesson warm up. Have fun & sing along!
2. **LESSON: [EduSmart - Elements & Compounds \(21:13 mins\)](#)**- watch this video as your lesson explaining what elements & compounds are. All modules will automatically play for you. This video will help you answer questions on your graded assignment.
3. **GRADED ASSIGNMENT #1: [EduSmart - Elements & Compounds Questions](#)** - Click on this link to your assignment questions. It will take you directly to MS Forms. Please

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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 6

1. **LESSON:** [Introduction To – Metals, Non-Metals, & Metalloids \(4:05 mins\)](#)- watch this video explaining the difference between metals, non-metals, & metalloids. This video will help you answer the questions on your graded assignment.
2. **LESSON:** [Metals, Non-Metals & Metalloids Lesson Video \(7:07 mins\)](#)- watch this video that further explains the metals, non-metals, & metalloids. This video will help you answer the questions on your graded assignment.
3. **LESSON:** [BrainPop Sorting Game](#) – complete this game before attempting your assignment. This video will help you answer the questions on your graded assignment.
4. **GRADED ASSIGNMENT #2:** [Metals, Non-Metals, & Metalloids](#)– 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. [Coltan: Conflict Minerals in the Congo \(4:32 mins\)](#)- watch this video, then answer the assigned questions in FlipGrid. [Click for instructions on how to submit a video.](#)
 - ✓ Note: If you are not comfortable recording yourself in FlipGrid, you can record your answers only or simply put an emoji over your face. Although I would like for you all to interact with one another, I understand how this mode of response can be uncomfortable.

CHOOSE ONE RESPONSE OPTION BELOW

2. **FlipGrid Response (Option 1):** Post a video response in FlipGrid to the following questions, based on the video. FlipGrid link Here → <https://flipgrid.com/5675d53d>
 - In your opinion, what was one interesting fact in the video that you did not know before?
 - How do the miners extract the precious metal coltan from deep in the earth?
 - What instrument is used to separate the metal coltan after it has been mined?
 - In what every day electronic device do we use is coltan essential for it to function?
 - In your opinion, how would you make the mining of coltan a better process? (i.e., worker safety, worker pay, illegal mining regulations, better machines, cleaner work sites, etc.)

****BONUS, if you're smarter than a 7th grader:**

Where exactly is coltan found within the Periodic Table of Elements?

- Once you've submitted your video response, you will then respond to at least 2 other Lobo's videos with: 1- a compliment about their video & 2- sharing your answer with them for question #1
3. **MS Forms Response (Option 2):** Click on the link below to MS Forms & answer the questions about the video. → [Week 6 Pre-AP Lesson Extension \(MS Forms\)](#)

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EXTRA PRACTICE

- [BrainPop: Periodic Table of Elements](#) -
 - login with Username: lpsid Password: brain20
- [Periodic Table Song](#) – click here to sing along!

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 April 27th, 2020 by 8am

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 – [EduSmart - Elements & Compounds Questions](#)
2. Graded Assignment #2 - [Metals, Non-Metals, & Metalloids](#)
3. Pre-AP Lesson Extension - [Coltan: Conflict Minerals in the Congo](#)