

Lomax 8th Grade Pre-AP Science Outreach Learning April 14-17, 2020

8th Grade Pre-AP Science Week of April 14, 2020

Teacher

Casey Crittenden / 8th Grade Science

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

Email: crittendenc@lpisd.org

Link to [TEAMS Folder](#)

Check out Mr. Crittenden's [Teaching Videos on Flipgrid](#)

[1st Period Crittenden TEAMS](#)

[7th Period Crittenden TEAMS](#)

Previous Lessons:

We have learned about levels in our universe and properties of many different things that can be found in our universe.

Connect with us on
Remind!

Text @lxjhsci
to 81010

Objectives

Objective / I Can:

- Describe components of the universe including analyzing the HR diagram.

Activities

Student Activities:

- [Teacher Introduction Video](#) (~6 minutes)
- [FlipGrid Check in!](#)
 - Click the green plus sign, log in with your school information, and create!
 - If it asks for a code, use **8adb2191**
 - Sign in using your school email and answer this week's check in topic: Tell Mr. Crittenden what is the most important thing about stars in determining their life cycle pathway. Or simply, what is the most important characteristic of a star?

Day 1: Tuesday, April 14, 2020

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3. Let's learn about the HR diagram!

a. Watch the video links below. You will be using the information in the videos to be able to identify how to read and analyze an HR Diagram. Use this information from the videos as your notes and guide when completing the graded assignment.

- [Stars and the HR Diagram](#) (shout out to Ms. Bostick) (12 min)
- [HR Diagram seen from Hubble Telescope](#) (<2 min)
- [HR Diagram Explained](#) (<4 min)

4. Practice

- a. I want you to practice the information that you just watched or read about from above. Remember, you're being graded on accurately being able to read and analyze an HR Diagram by comparing stars. Practice makes perfect!
- b. Click the link and work through a Quizizz several times. Make sure that your username is YOUR NAME! I need to be able to know who is completing this or not. Quizizz code: 671091

CONGRATS! END OF DAY 1!!

Day 2: Wednesday April 15, 2020

1. Check your understanding: HR Diagram

a. This is the assignment you'll be graded on for this week. Before you complete it, I highly recommend you watch the videos about and practice analyzing and reading the HR diagram.

b. Once you feel confident, click on the link below to complete your H-R Diagram questions in Microsoft Forms. **THIS IS YOUR GRADED ASSIGNMENT THIS WEEK**

- i. [H-R Diagram Questions](#)

Pre-AP Extension!

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1. HR Diagram Task Cards

- a. Click on the hyperlink below. There are several task cards that you can complete to further your understanding of the HR Diagram and the life cycle of a star.
 - i. [Galaxies, Stars, and HR Task Cards](#)

Additional Resources if you need help:

- Mr. Crittenden's Office Hours Wednesdays (1-3) and Thursdays (1-3)
 - Help via email, Remind, or video call via Microsoft TEAMS or join [Webex](#) to ask me any questions, or just say HI! Parents and students... I will be available during these office hours via webex and I will send links through remind just before the meeting begins.
- Extra Practice
 - [Review Game Zone 1](#)
 - [Quizlet 1](#)
 - [Quizlet 2](#)

Academic/Instructional Support: Mr. Crittenden

Schedule:

Tuesdays and Wednesdays – work on science work

(If you need help or don't understand the lesson/activity, email Mr. Crittenden or send a message on Remind.)

Office Hours:

Wednesdays and Thursdays 1:00 – 3:00 pm

Use Webex (I will send the code just before office hours begin, it is also hyperlinked above under "additional resources")

To Be Graded

**Make sure you submit the following from this week's lesson through Microsoft Forms links above:
the TEAMS assignment tab:**

H-R Diagram Questions (this is through the Microsoft Form link above) Due by Tuesday, 4/21