

Lomax 8th Grade Pre-AP Science Outreach Learning
April 14-16, 2020

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

Teacher/Team:

Kacey Sommers / 8th Grade Pre-AP Science

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

Email: sommersk@lpisd.org

Link to [TEAMS Folder](#)

[Sommers 2nd Period TEAMS](#)
[Sommers 6th Period TEAMS](#)

Previous Lessons:

Last week we learned about the life cycle of stars!

**Connect with us on
Remind!**

Text @sommerspap
to 81010

Objectives

Objective / I Can:

- I can describe the components of the universe, including analyzing a HR Diagram.

Activities

Activity 1:

1. [Teacher Introduction Video](#)
2. [Stars & the HR Diagram Video Notes](#)
 - a. Watch the video of Ms. Sommers teaching you about the HR Diagram. If you would like to take notes as you watch, grab a sheet of paper and a pencil!
3. [HR Diagram Quizizz](#) (Time to practice!)
 - a. Type in the code – **375577**
 - b. Make sure to use your first and last name. NO nicknames!
 - c. PRACTICE, PRACTICE, PRACTICE!!

Activity 2:

4. [HR Diagram Questions \(THIS IS A GRADE!\)](#)
 - a. Click on the link to show your knowledge of the stages of the HR Diagram in Microsoft Forms. READ THE DIRECTIONS AT THE TOP OF THE FORMS. You will answer 16 questions about stars on the HR Diagram.

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Pre-AP Extension!

1. Space Task Cards

- a. Click on the link above and use your knowledge from the last few weeks to answer the questions.

Additional Resources if you need help:

- Ms. Sommers' Office Hours Wednesdays (1-3) and Thursdays (1-3)
 - Help via email, Remind, TEAMS, or live tutorials during office hours via the webex link provided (<https://laporteisd.webex.com/meet/sommersk>)
- Extra Videos
 - [Stars and Galaxies – The Hertzsprung-Russel Diagram](#)
 - [The HR Diagram and the Life of Stars](#)
- Extra Practice
 - [Quizlet - HR Diagram 1](#)
 - [Quizlet - HR Diagram 2](#)
 - [Quizlet - HR Diagram 3](#)
 - [Review Game Zone - HR Diagram](#)

Academic/Instructional Support

Schedule:	Tuesday – work on science work Thursday – work on science work you did not complete on Tuesday (If you need help or don't understand the lesson/activity, email Ms. Sommers or send a message on Remind.)
Office Hours:	Wednesday 1:00 – 3:00 pm Thursday 1:00 – 3:00 pm Live tutorials during office hours via the webex link provided (https://laporteisd.webex.com/meet/sommersk)

To Be Graded

Make sure you submit the following from this week's lesson:

- 1. **HR Diagram Questions– DUE by 8:00am on Monday 4/20**
(Students will answer questions about placement and characteristics of stars on the HR Diagram. This assignment will be turned in and graded through Microsoft Forms.)