

Astronomy Review: MENU CHOICE SHEET

Instructions: See how many assignments you can complete as part of your Astronomy Review!

I NEED HELP WITH:	Visual SEE IT!	Auditory HEAR IT!	Kinesthetic TOUCH IT!	Expressive BE CREATIVE!
Life Cycle of Stars	Read the article over the Life Cycle of Stars and take notes: https://bit.ly/3bn9EGt	Choose whether you need more help with Large or Small Stars, and listen to Mr. Barton's audio recording and take notes Slides: https://bit.ly/2xEGvlp Small Stars: https://bit.ly/3czn02w Large Stars: https://bit.ly/2KozRsw	Create your own life cycle of a star diagram similar to these: https://bit.ly/2RSoVaw You may use your computer or find a large piece of paper and do it by hand, just make sure to add a small description of each phase and which elements are being created.	Choose a star that is currently visible in the night sky, and create a presentation on the characteristics of that star. To choose a star that you can actually see, download a free star tracker app on your phone (Such as SkyView Lite), go outside on a clear night, and use the app to identify a star. If you cannot use the app, go to https://bit.ly/2Vs1FCE , input your zip code and today's date, and choose a star from that map. Do some research on your chosen star, and create a presentation. BE CREATIVE! Use what you've learned about these four topics to determine what stage of the life cycle the star is in, where on the HR diagram it would lie, and what elements it produces during fusion.
Blackbody Radiation	Watch the Crash Course: Stars video and take notes. How are blackbody, spectroscopy, and the HR diagram related? https://youtu.be/ld75W1dz-h0		Create a foldable or graphic organizer to compare and contrast how blackbody radiation, spectroscopy, and the HR diagram are each used to help us learn about and identify stars.	Write a rap, song, poem, or story about ANY of these astronomy review topics, and perform it! Use this silly "A Star is Born" parody as inspiration: https://youtu.be/U5WvH_UyIBU
The HR Diagram				
Stellar Spectroscopy	Choose a star and research that star's spectra to determine which elements it creates. Use the Star Spectra Gizmo for reference. https://bit.ly/3bsEddH	Listen to Mr. Barton's audio recording and take notes over spectroscopy Slides: https://bit.ly/3cCycvj Recording: https://bit.ly/3bq1Wvm		