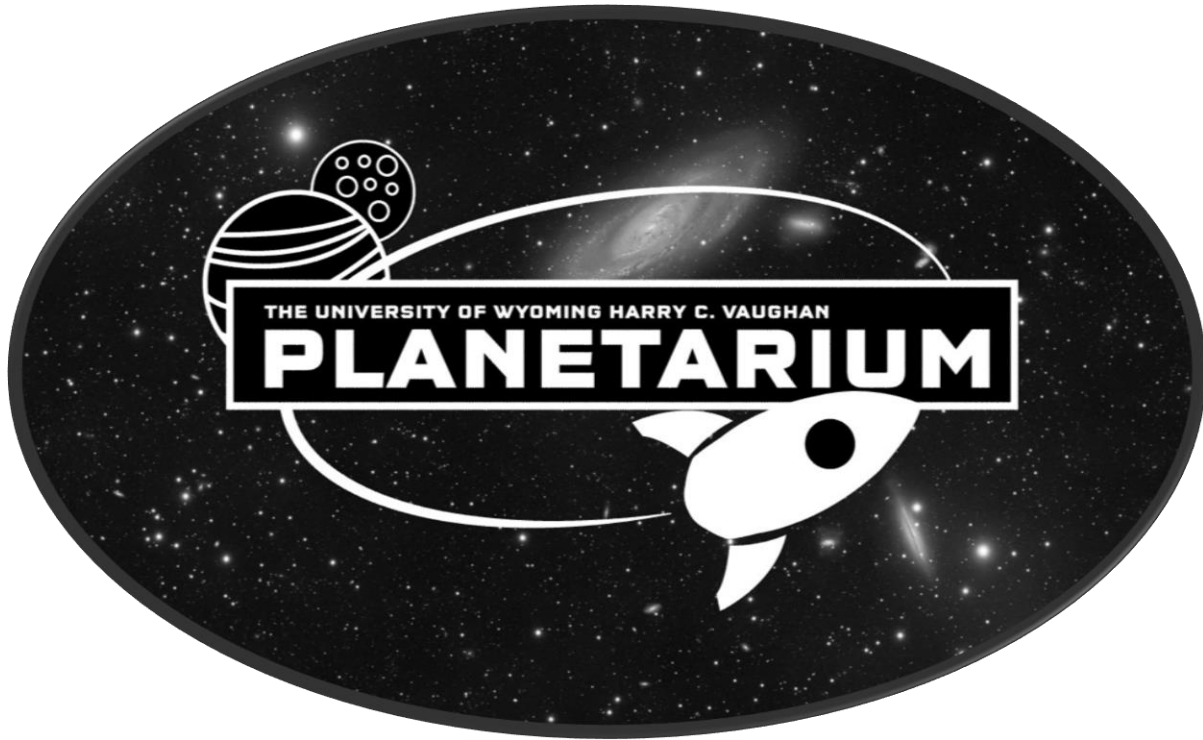


Summer of Astronomy Activity Challenge 2019

Challenge Starts: May 25th, 2019

Challenge Ends: August 24th, 2019

Presented by the Harry C Vaughan University of Wyoming Planetarium



Summer 2019



☆☆☆☆☆ Moon Rank

☆☆☆☆☆☆☆☆ Planet Rank

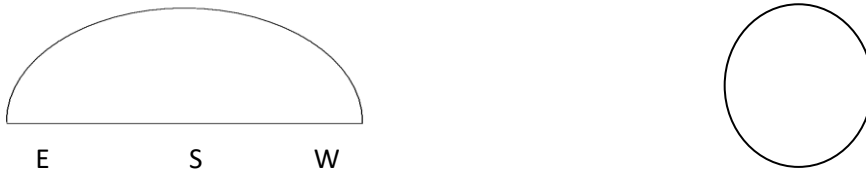
☆☆☆☆☆☆☆☆☆☆ Star Rank

☆☆☆☆☆☆☆☆☆☆☆☆ Galaxy Rank

Get ready for our fourth annual Summer of Astronomy Activity Challenge, presented by the UW Planetarium! Most of the challenges are designed so that they can be completed using only your eyes, pencils, and crayons.

The challenges are rated by difficulty. Challenges of one star are the easiest and five star challenges can be difficult.

Many of the challenges have the following shapes. The half oval represents the horizon and part of the sky. In the example below we added direction markers (East, South, and West) that are left for you to add in the challenges. The circle represents the view through a telescope or binoculars, and the direction is not necessary.



Feel free to use extra paper. Please do not feel as if you should limit yourselves to the space we provided. ☺

The staff at the planetarium is happy to help with any questions you might have about any of the challenges. Please ask before or after shows or contact us through email at planetarium@uwyo.edu.

To redeem completed challenges please come to a planetarium show and we will mark the number of stars completed on the front page. You can also mark them yourself but we would be happy to see your hard work! Redeem your stars to go up a level and receive a stellar prize!

If you are unable to make it to a show and have challenges or prizes to redeem please contact us at planetarium@uwyo.edu and we will be happy to work with you.

Prizes for each rank achieved:

Moon Rank (5 stars): Stellar Goodie Bag

Planet Rank (15 stars): Your choice of two NASA space posters

Star Rank (30 stars): A deck of constellation playing cards.

Galaxy Rank (50 stars): A fun and informative book on astronomy.

The last day to redeem prizes is Saturday August 24th.

For information about our planetarium schedule please visit

<http://wyomingspacegrant.org/planetarium/shows/>
