



Launch Milky Way – Star Color

Don't forget to record data and observations as you work through this activity. All of the questions and reminders from the activity are listed in order below.

1. Describe the differences you observe between the image of the sky as seen from a dark site and the one of the three stars recorded by the SDSS telescope.
2. List some reasons these two images appear so different.
3. Record the coordinates for your starting place.

RA –
Dec -
4. In the [Look for Patterns](#) section of this activity, you should notice some patterns related to how the magnitude scale itself is organized and between the magnitude measurements in different filters and the colors you observe. Explain your observations with evidence. If you are able, cut and paste image examples that support your observations.

Name _____

9. Conclusions. Write a clear paragraph of your understanding about how color is reported in astronomy.

10. What new questions could you ask about astronomical objects now that you have color to use as a tool for exploring?