

Join SLCS D May 20-24 collecting data about stars and light pollution!

Who: Salt Lake City School District K-12 Students and their families.

What: **The Night Sky** project is an international campaign event that focuses on collecting data about stars and light pollution. During this time of social distancing, you and your family can work together to explore the night sky from your home.

When: **May 20-24**, 2020 (Wednesday-Monday) one hour after sunset. Any or all nights around the May 22nd new moon.

What: We will observe and collect data on the conditions of the night sky. You do not need to be able to identify the stars, constellations or planets to be successful. Estimate how many stars are in one quarter of the sky. This helps us all practice our scientific observation and data collection skills.

Data collection includes recording what you observe, either [on-line](#) or on paper.

Where: You can make **observations** from your window, yard, or neighborhood.

Why: To raise public awareness of the [impact of light pollution](#). Light pollution not only affects our view of the stars, but it also wastes energy and money (about \$2 to \$10 billion a year) and disrupts the sleeping and breeding habits of animals.

How: You and your family can choose one of the options below:

Option 1: Use the webapp to submit data to the international citizen science project.

1. Open the [Globe at Night Webapp](#) on your phone, computer, or tablet.
2. Complete questions 1-4 (skip question 5 unless you want to use a Sky Quality Meter with your phone).
3. Submit your data.

Option 2: Paper and pencil:

1. Make a copy of the **Night Sky Observation Data Sheet** page at the end of this document.
2. During May 20-24, fill in the Night Sky Observation Data Sheet as you observe the night sky. Focus on making close observations so that you notice new things about the night sky.
3. Scan or take a photo of your Night Sky Observation Data Sheet and email it to Shea.Wickelson@slcschools.org

Option 3: Art Project

1. Create an artistic representation of the night sky (photo, poem, visual arts, dance, music, etc.) and submit a document, photo or video to the [DISTRICT MEMORY WALL PROJECT](#).

Safety Considerations:

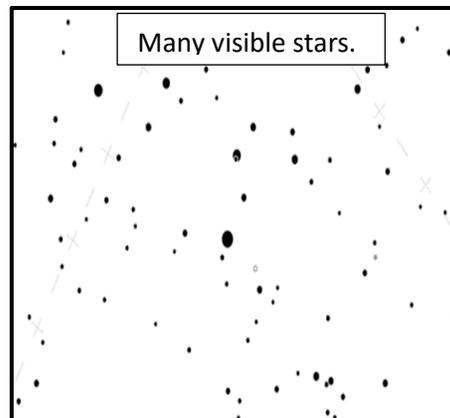
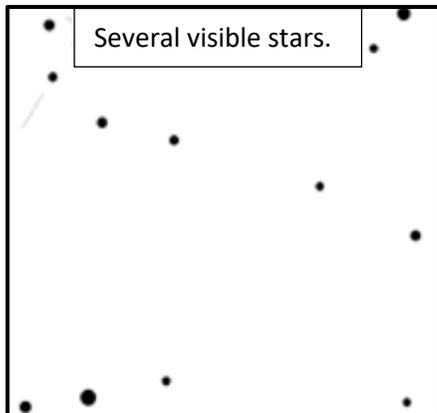
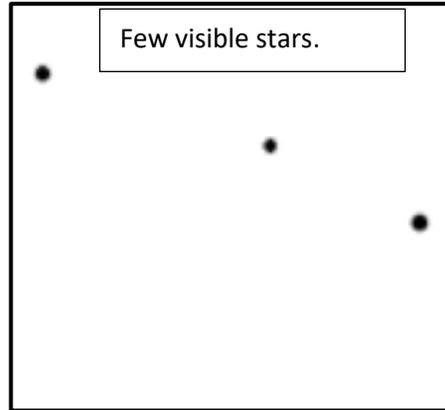
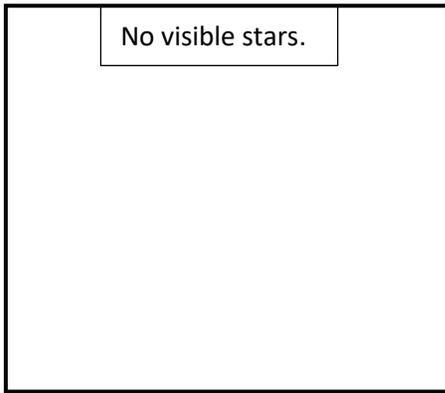
- Follow [Salt Lake County Stay Safe. Stay Home.](#) City members can participate in outdoor activities (walk, hike, bike, run, fish or other similar individual outdoor activities) in our neighborhoods, city parks or on trails, as long as people are at least **6 feet away from the nearest individual** that is not a part of their immediate family or household.
- Students, if you are leaving from home, get permission from your parents and/or guardians.

*Special Thanks to the students in the Dark Sky Research class at the Salt Lake Center for Science Education
Bryant campus for contributing to this event.*

Night Sky Observation Data Sheet

Name: _____ Date: _____ Time: _____

1. Look at the night sky in any direction and **circle** the box that best matches the amount of stars that you see.



2. **Circle** the picture that matches the night sky most closely resembles how clear versus cloudy your sky is during your observation.

