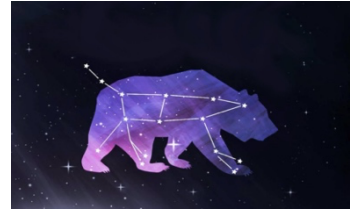


## Space Exploration with Snoopy (Part 2)

**Essential Question:** What patterns are in the sky?

What color is the sun? Why do we experience seasons and differing amounts of daylight? Students will help Snoopy explore the night sky and the patterns of the sun, moon, and stars.



- 1-ESS1-1. Use observations of the sun, moon, and stars to describe patterns that can be predicted.
- 1-ESS1-2. Make observations at different times of year to relate the amount of daylight to the time of year.

### Materials needed:

- Brass Fastener (1 per each student)
- Print **-Dipper Finder Sheets (2 pages)** for each student
- Scissors
- Pencil



### Lesson Overview

This is the second lesson in the 1st Grade Space Exploration with Snoopy Series. Each lesson is designed as a stand-alone lesson, so you can participate in one or all of the lessons!

In this lesson, students will help Snoopy explore the night sky and the patterns of the sun, moon, and stars. Students will learn how to spot the big dipper in the night sky by using the “big dipper finder” they will make during the lesson.

Be watching for more lessons in the **1<sup>st</sup> Grade Space Exploration with Snoopy Series!**

Space Exploration with Snoopy (Part 3) - Hydroponics on the Moon

# Program Connection Information

Please use an external microphone (conference style) rather than the integrated one in the computer for the audio for your class and locate it centrally in the room. It can be difficult for the Greenbush teacher to hear the students using the computer microphone and therefore it reduces the interactive nature of the lesson. It is fine to use the computer webcam for your video source.

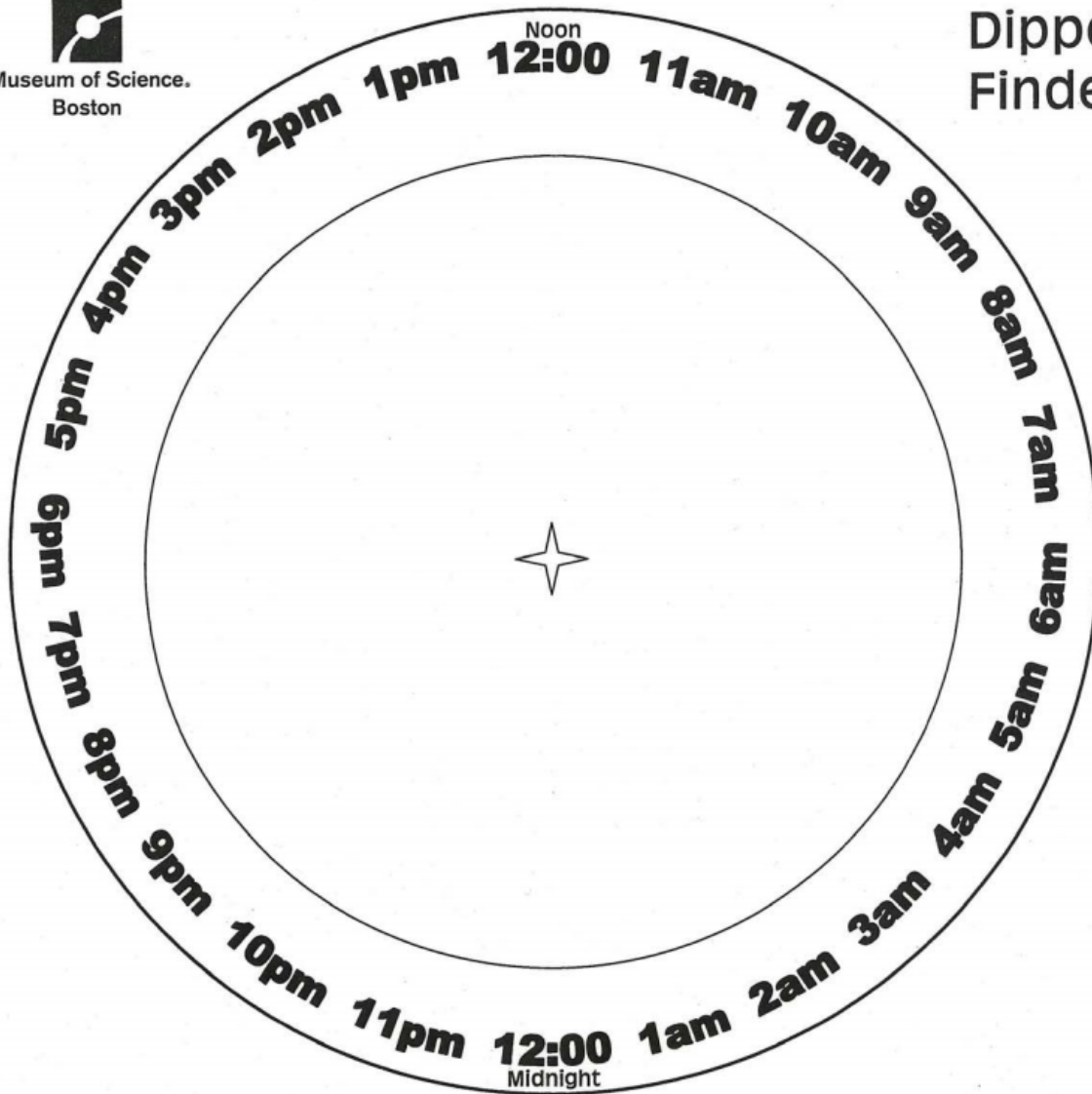
All classes will take place using Zoom desktop video. If your building is already set up to use a desktop video application with a computer, simply open a browser and enter <https://greenbush.zoom.us/j/5337714346> in the URL space. You may need to download Zoom launcher software (free download) if you don't already have it. This needs to be done in advance of the lesson.

If using a Polycom video conferencing unit (or any legacy type video conferencing unit) to connect to a ZOOM conference, make sure the unit is in "encrypted mode" then dial the following IP on the internet: 162.255.37.11 or 162.255.36.11 and once connected, they will ask for a MEETING ID: enter 533 771 4346 (for Sheila at Science Center).

It's always a good idea to touch base with your district technology facilitator prior to your program to make sure all systems/equipment are in place and operational and that there aren't any firewalls in place that might prevent you from connecting to Zoom.

Once you connect, you will enter a Zoom waiting room. Your Greenbush teacher will admit you into the final meeting room.

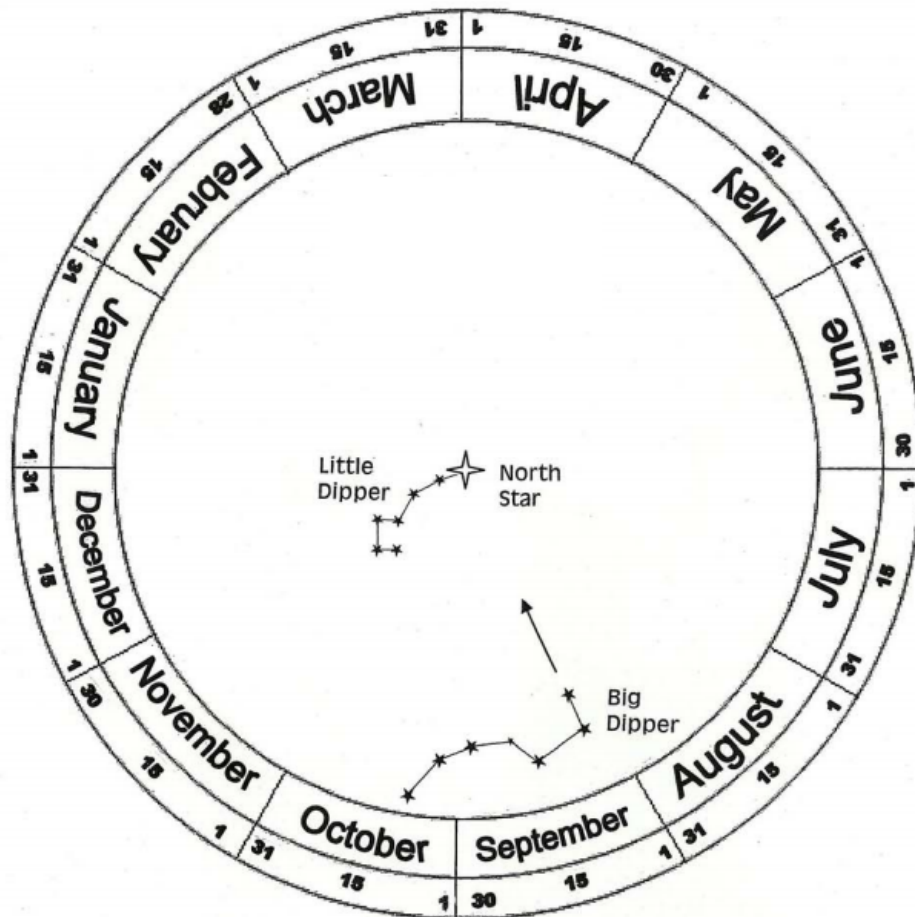
If you have questions, please call Sheila Sandford at Greenbush, 620-724-6281, or email at [sheila.sandford@greenbush.org](mailto:sheila.sandford@greenbush.org) (best method of contact).



Hold so you can read these words.

Face North.

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\*\*\* Times on Dipper Finder refer to Eastern Standard Time. During Daylight Savings Time (late Spring to early Fall) **add one hour** to all times\*\*\*