

Open Observatory-at Great Neck South High School Observatory

Below is our schedule for **possible** celestial viewing times available for the months of October, November and December. Go to room 608- entrance to the observatory in the Science hallway.

All viewing nights are dependent on the weather, make sure to check the website (www.ciprianosciencespot.com "our telescope tab") for cancellations about 1 hour before start. *Also on clear nights I might add an open viewing! Check the website!!

Dress for the weather, the observatory is outside temperature. Bring your phone for pics!!

Date	Time
Thursday-October 14 after sunset- 6:45pm start	First Quarter (60%) (almost the Hunter's Moon) and Jupiter and Saturn!
Wed. Nov. 17th 5:15 pm start	Full Moon (Beaver Moon)
December 9th 5:15pm start	First Quarter

What can you see on your own??

Oct/Nov. You can still look for the summer triangle stars (Deneb, Vega and Altair). Look for Cygnus the swan (also known as the northern cross)-at the bottom end look for the double star Albireo. The Pleiades or Seven sisters is visible above the red star Aldebaran. Andromeda Galaxy can be seen in dark sky locations with a pair of binoculars. Leonid meteor shower peaks around Nov. 17.

Dec This is the "inbetween" time. You can still see some summer constellations and now some winter ones are visible. Orion is back!! Now you can look for Sirius (the brightest star) and look for Orion's belt. Around Dec. 14 start looking for the Geminids meteor showers with 120 meteors/hour. Venus is back in the sky in the early eve, however Jupiter and Saturn set very soon after the Sun. They will be back in the late Spring!

Moon info:

Oct.	Nov.	Dec.	
First Quarter Oct. 12	Nov. 11	First Quarter	Dec. 10
Full Moon Oct. 20	Nov. 19	Full Moon	Dec. 18
Last Quarter Oct. 28	Nov. 27	Last Quarter	Dec. 26
New Moon Nov. 4	Dec. 4	New Moon	Jan. 2