

Open Observatory-at Great Neck South High School Observatory

Our schedule for possible celestial viewing times available for the months of February, March, April, and May.

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, and google classroom.

Check the website for any added nights as weather makes it available.

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

Date	Time
Thursday, February 16th 5:45 start	full Moon(Snow moon)
Wed. March 16th 7:15pm start *note daylight savings March 13th	Full Moon (Worm Moon)
Thurs. April 7 7:45pm start	First Quarter
Thurs. May 14th 8:20 start	Almost full moon (flower moon)

What can you see on your own??

Feb/March: The bright winter constellations of Canis Major/minor, Orion, Gemini, Taurus and Auriga dominate the southern sky. Look for Sirius the brightest star found to the lower left of Orion. The shoulder star of Orion-Betelgeuse, with Sirius and Procyon form the Winter Triangle. Try to look for the Pleiades-a cluster of 6 stars that can be seen in Taurus. Also look for M44-The Beehive Cluster found in Cancer. The Andromeda Galaxy is visible as well, look for it in Andromeda. You can use a phone app to help navigate the night time sky.

April: The winter constellations of Canis Major/Minor, Orion, Gemini, Taurus and Auriga are in the west. Orion's Betelgeuse, with Sirius and Procyon, form the Winter Triangle. Look for Leo (reverse question mark). The big dipper is due north-the handle of the dipper curves and points to the star Arcturus in Bootes, then curve to Spica (Arc to Arturus and speed to Spica!) The Beehive Cluster and the Coma Berenices can easily be seen with binoculars. ** Lyrids Meteor Shower will peak around April 22nd with about 15-20 meteors per hour.

May: Above your head you will find two constellations. Leo -looks like a reverse question mark, with the kingly star Regulus and URSA MAJOR, which contains a favorite-The Big Dipper. The handle of the dipper curves and points to the star Arcturus in the constellation Bootes (looks like an ice cream cone) and from Arcturus continue the curve and "speed to Spica" in VIRGO. In front of Leo is CANCER which contains the sprinkle of stars known at the Bee Hive. May 5, Meteor Shower Eta Aquarids peak 60 meteors/hour.

June: Above your head is the ice cream cone Bootes (look to the left for the scoop "Corona Borealis" that fell off of the ice cream cone). The star Arcturus is the 3rd brightest. URSA MAJOR contains the ever favorite Big Dipper-and helps locate Spica like in May. Now look for the Summer Triangle (three stars Deneb, Vega and Altair), which includes the Northern Cross. If you can get to a Southern Beach, look for Sagittarius and Scorpius which hugs the horizon. If you are in a dark sky area look for the thickest part of the Milky Way Galaxy which will start inbetween them as it spans across the sky.

