**Dark Night Viewings-at Great Neck South High School Observatory**

Below is our schedule for possible viewing times available for the month of

September/ early October-check back for complete Oct. days

St. John’s College Astro class you must attend at least 3 for credit, all others at least 1.

All viewing nights are dependent on the weather, make sure to check the website for cancellations about 1 hour before start. Please note start times, they will be slightly later than sunset to be dark enough!

Dress warm, the observatory is not heated. Bring your phone for pics!!

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| **Date** | **Time** |
| Fri. Sept. 13th (so eerie!) | 7:45pm start (Harvest Moon) |
| Fri. Sept. 20th (no moon for this night to see) | 7:30pm start (Waning Gibbous 69%) |
| Wed. Oct. 2nd Daytime Moon and Sun | 2:40pm (waxing crescent) |
| Fri. Oct. 4th | 7:00pm (waxing crescent) 15%) |

**What can you see on your own??**

***September:*** Looking up you will see the “summer triangle” containing the three bright stars: Deneb, Vega and Altair. In this asterism you will see the “Northern Cross” or some call the larger formation, Cygnus the Swan. Look north and locate Polaris (use the Big Dipper’s finder stars to find it) from west to east are the head of Draco (hello Harry Potter Fans!), Cepheus and my favorite-Cassiopeia (looks like the letter “W”).

With binoculars you can see the Andromeda Galaxy which is close to Cassiopeia. Enjoy the Harvest Moon on Sept. 13!

**Moon info:** First Quarter- Thurs. Sept 5

Full Moon-Fri. Sept. 13th

Last Quarter-Sat. Sept 21st

New Moon-Sat. Sept. 28th