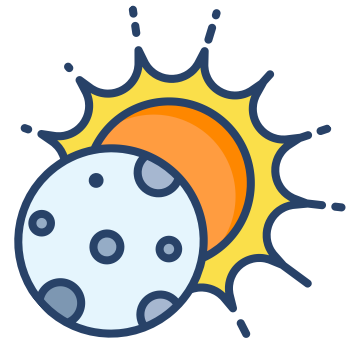


A Total Solar Eclipse is Coming!

April 8, 2024



A total solar eclipse occurs when the Moon passes directly between the Sun and Earth, blocking out the Sun's light and casting a shadow on Earth. It creates a breathtaking sight as viewers can see the Sun glowing around the dark silhouette of the Moon. Western New York will experience a total solar eclipse on **April 8, 2024**. The last total solar eclipse in Western New York was in 1925. ***The next total solar eclipse in the United States will not happen until 2044!***

When is the Eclipse?

On April 8, 2024, a total solar eclipse will be visible in Western New York beginning at 2:04 p.m. Totality will occur at 3:18 pm at which time it will appear as though the Moon has completely covered the Sun. The eclipse will end at 4:32 p.m.



View our list of eclipse resources and activities by scanning the QR code!



Protect Your Eyes!

It is not safe to look directly at the Sun without specialized eye protection for solar viewing. The only time you can look at a total eclipse safely without eye protection is during the brief total phase of the eclipse when the Moon completely blocks the Sun. Viewing any part of the bright Sun without protection can instantly cause severe eye injury. ***The District is providing each student in the district with safety glasses*** that comply with the ISO 12312-2 international standard recommended by NASA. Please view additional safety viewing tips by scanning the QR code.



Please view more safety tips from NASA by scanning the QR code



Why is the Eclipse Important?

Total solar eclipses are not only awe-inspiring events but also provide valuable opportunities for scientific research. During a total solar eclipse, scientists can study the Sun's corona, the outermost layer of the Sun's atmosphere, which helps us better understand the Sun and its effects on Earth.

