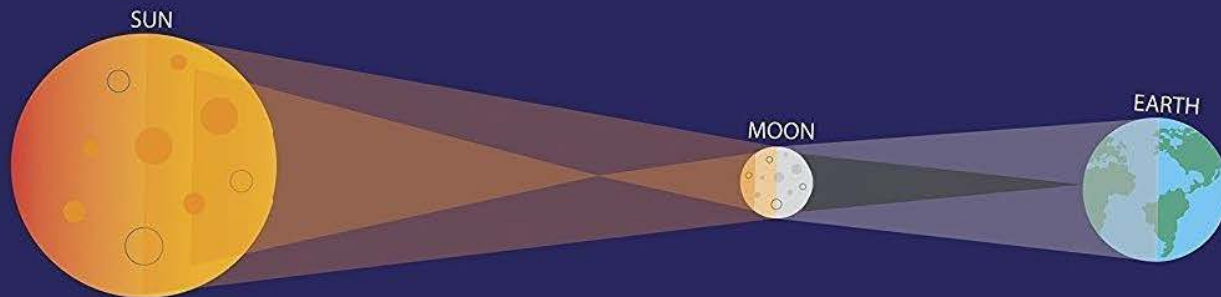


# SOLAR ECLIPSE

## TOTAL ECLIPSES OF THE SUN

A solar eclipse is a type of eclipse that occurs when the Moon passes between the Sun and Earth, and the Moon fully or partially blocks the Sun. This can happen only at new moon when the Sun and the Moon are in conjunction as seen from Earth in an alignment referred to as syzygy. In a **TOTAL ECLIPSE**, the disk of the Sun is fully obscured by the Moon. In partial and annular eclipses, only part of the Sun is obscured.



## TOTAL ECLIPSE

A total eclipse occurs when the dark silhouette of the Moon obscures the intensely bright light of the Sun, allowing the solar corona to be visible. During any one eclipse, totality occurs in a narrow track on the surface of Earth.



when the dark silhouette of the Moon completely obscures the intensely bright light of the Sun, allowing the solar corona to be visible. During any one eclipse, totality occurs at best only in a narrow track on the surface of Earth.

### HOW IT OCCURS?



### COMING UP SOLAR ECLIPSE

