

A graphic showing a yellow crescent moon partially obscured by a larger yellow sun, with orange and red flames or rays emanating from the sun.

# 2024 Total Solar eclipse

THROUGH THE EYES OF NASA  
APRIL 8, 2024

## Top 5 Ways to Get Ready for the Solar Eclipse with NASA

### 1. **Safety First!** →

Except during the brief total phase of a total solar eclipse, when the Moon completely blocks the Sun's bright face, it is not safe to look directly at the Sun without specialized eye protection for solar viewing.

### 2. **Find Local Events in the Path of Totality** →

Find in-person and virtual NASA-related events that you can participate in before or during the eclipse.

### 3. **Use NASA Eclipse Resources With Students** →

Build a **pinhole camera** to safely view the eclipse or learn about careers that study the sun, or what causes sun spots.

### 4. **Be A Citizen Scientist and Collect Data** →

Collect and submit data on topics like air temperature and clouds during an eclipse.

### 5. **Cloudy Day? No Problem! Tune Into Our Webcast** →

For complete coverage, watch **NASA+** before, during, and after the eclipse.



**What is A Solar Eclipse?** →

**When is the Solar Eclipse and Where Can I See it?** →

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