



# Solar Eclipse 2024



## FACTS:

- **When:** Monday, April 8, 2024
- **Begins at 12:30 p.m. | Peaks at 1:45 p.m. | Ends at 3:30 p.m.**
- **88% eclipse** in the Zachary area
- Looking up at the Sun at any time is unsafe and can cause long-term vision damage, but this danger will be more so during this event between 12:30-3:30 p.m.
- This eclipse will be “grander” than the 2017 eclipse or the annular eclipse in October 2023.
  - The Moon is closer to the Earth.
  - Wider path
  - Longer time in totality
  - More solar activity



## SAFETY GUIDANCE/CONSIDERATIONS:

- **Wear Certified Eclipse Glasses:**  
**Always** wear special eclipse glasses that are **ISO-certified-safe (ISO 12312-2)** when looking at the Sun. Regular sunglasses/window tint won't protect your eyes. Make sure your eclipse glasses are **not scratched or torn**.
- **When to Use Eclipse Glasses:**
  - **During the entirety of our eclipse**, keep your eclipse glasses on to avoid eye damage.
- **Cameras, Windows, and Telescopes:**
  - If you use cameras, binoculars, or telescopes, they **must have special solar filters** for safe viewing. *The UV lights can damage cameras.*
  - **Never** look at the uneclipsed or partially eclipsed Sun through these devices without proper filters.
- **Pinhole Projection Method:**
  - If you don't have eclipse glasses, try the **pinhole projection method**:
    - Stand with your back to the sun.
    - Cross the outstretched fingers of one hand over the other, creating a waffle pattern.
    - Look at the ground, and you'll see a tiny image of the partially eclipsed Sun projected through the gaps between your fingers.
- **Other safety considerations**
  - Classrooms that can see the Sun from windows during the time frame of the eclipse (12:30 p.m.-3:30 p.m.) should keep the blinds closed.
  - Recess and PE during the hours of 12:30 p.m.-3:30 p.m. will be held indoors.
  - Limit outdoor transitions to increase safety measures.



**Student absences will be excused districtwide on April 8, 2024.**

**All ZCSD schools will be taking every precaution with students to keep them safe. Using this opportunity as a meaningful learning experience will prepare them for this fascinating natural event.**