



# Denville Township Schools

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Dear Families,

On Monday, April 8th, Denville will have the unique opportunity to experience a 90% partial solar eclipse. I was fortunate to observe a full solar eclipse on February 26, 1979 in Spokane, WA. The sky grew dark, all birds stopped chirping, and the street lights came on. My fellow 3rd graders and I stood outside with our pinhole cameras taking in the memorable observation. Although the Denville partial eclipse will not be total darkness, it will be significant enough to see a large portion of the moon block the sun. I greatly encourage you to share this experience with your own family.

The timing of this event falls during dismissal. Most of our students will already be home when we reach 90% coverage. Eye safety is paramount when viewing an eclipse, therefore the Denville Township School District has purchased a pair of eclipse viewing shades from Carolina Biological for each student. These shades meet the NASA viewing guidelines in order to safely protect our students' eyes when observing the eclipse. The glasses will be provided to students at the end of the school day on April 8th, so they will have them readily available for home observation.

Students at Lakeview and Riverview will be able to use their glasses to briefly observe the eclipse before heading home on the bus. Staff will be onsite while viewing and loading buses to ensure students are using their glasses correctly.

Please encourage your child to follow eye safety guidelines. Never look directly at the Sun. You can seriously hurt your eyes, and even go blind. Proper eye protection, like eclipse glasses or a special solar filter, is the only safe option. Sunglasses don't work.

## [Timeline of Eclipse](#)

- 2:09 PM- start of the eclipse in Denville which at that time is full sun if there are no clouds
- ≈ 2:45 PM- about half of the sun will be covered, which is noticeable
- 3:25 PM- experience the most coverage, then the visible portion of the sun will grow back to full sun
- 4:36 PM- end of eclipse

**If your child(ren) usually ride(s) the bus home, but you are planning on picking them up early on Monday, April 8th, please send a note to your child's teacher.**

## [Carolina® Eclipse Shades](#)

2-mil, scratch-resistant polymer lenses (black/silver) that filter out 100% of harmful ultraviolet and infrared rays and 99.999% of intense visible light. The premium eclipse filters create the sharpest solar images with a natural orange color. With an optical density of 5 or greater, the eclipse glasses are independently tested and safe for all phases of eclipse. ISO 12312-2 compliant and CE certified. Pre-printed with warning and instructions on back.