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March 26, 2024

Dear Mount Olive Township Families,

On Monday, April 8, 2024, a partial solar eclipse will occur, impacting our area. A solar eclipse happens when the moon passes between the sun and the Earth, blocking all or part of the sun's light. The Sun will be more than 90% covered at the peak of the eclipse at 3:24pm. While this event is captivating and provides an excellent opportunity for learning, it's crucial to emphasize the importance of eye safety during the eclipse.

To safely observe the solar eclipse, special-purpose solar filters, such as the glasses we are providing, must be worn. These glasses are specifically designed to filter out harmful rays, allowing you to view the eclipse safely. It is essential to use these glasses properly by wearing them at all times when looking directly at the sun during the eclipse. Regular sunglasses are not sufficient for viewing a solar eclipse; they do not provide enough protection to prevent eye injury. Additionally, cameras, telescopes, binoculars, or other optical devices should not be used to view the eclipse without appropriate solar filters, as they can magnify the sun's rays and cause irreversible eye damage.

The district will distribute glasses on Monday, April 8 to all staff and students as we aim to ensure that all members of our school community can safely enjoy and learn from this extraordinary celestial event. We encourage you to take this opportunity to discuss the importance of eye safety with your children and to supervise them while using the solar eclipse glasses.

Thank you for your cooperation in helping us make this event both enjoyable and safe for everyone!

Sincerely,

Chris Jensen  
*Science Department Chair*

### **Safe Viewing Methods:**

- Certified Solar Filter Glasses: Must be ISO Certified
- Indirect Viewing:
  - [Pinhole Projection using a cereal box](#)
  - [Pinhole Index Cards](#)
- Online Viewing via [NASA Public TV](#)

### **Additional Information:**

- Daylight will decrease and you may notice sunset like light from different directions
- Shadows will be noticeably sharper.
- Temperatures will drop, you may notice a shift in the wind as a result
- Look at the light projected through tree leaves onto the ground
- Depending how dark it gets, you might be able to see Venus and Jupiter
- [Future Solar Eclipse Map](#)