



April 3, 2024

Subject: Solar Eclipse - April 8, 2024

Dear RCCS Families,

As you may already know, an extraordinary event is soon to grace our skies - a solar eclipse. This rare and exciting astronomical event presents an opportunity for students to learn about science, space, and the wonders of the natural world. Pennsylvania will once again be in the direct line of a total solar eclipse. The last time Pennsylvania was in direct line with a total eclipse was 1806.

On April 8, 2024, the moon will align perfectly between the Earth and the sun, casting a shadow upon our planet. The next total solar eclipse that can be seen from the United States will occur in 2044. The solar eclipse is an exciting phenomenon where the moon passes between the Earth and the Sun, partially or completely obscuring the Sun's light. The Lehigh Valley will be in the 90-92% magnitude range, with the event beginning at approximately 2:08 p.m., including a peak at 3:23 p.m. and concluding at 4:35 p.m.

Roberto Clemente Charter School will follow its regular school schedule on this special day and our staff will be discussing the eclipse with the students. During the entire eclipse, it is recommended not to look directly at the sun without protective eyewear to prevent permanent eye damage. All students and staff will be provided with a pair of solar eclipse glasses to wear during dismissal.

There is much excitement surrounding the solar eclipse and on the next page you can find several resources and information to share with your family. This event has the opportunity to create a lifelong school-based memory for the RCCS community and we look forward to experiencing it together.

Thank you,

A handwritten signature in black ink that reads "Alyssa Mace". The signature is written in a cursive, flowing style.

Alyssa Mace
Chief Executive Officer



3 de abril de 2024

Asunto: Eclipse solar - 8 de abril de 2024

Estimadas familias de RCCS,

Como quizás ya sepas, un evento extraordinario pronto adornará nuestros cielos: un eclipse solar. Este evento astronómico poco común y emocionante presenta una oportunidad para que los estudiantes aprendan sobre la ciencia, el espacio y las maravillas del mundo natural. Pensilvania volverá a estar en línea directa con un eclipse solar total. La última vez que Pensilvania estuvo en línea directa con un eclipse total fue en 1806.

El 8 de abril de 2024, la Luna se alineará perfectamente entre la Tierra y el Sol, proyectando una sombra sobre nuestro planeta. El próximo eclipse solar total que podrá verse desde Estados Unidos ocurrirá en 2044. El eclipse solar es un fenómeno apasionante en el que la Luna pasa entre la Tierra y el Sol, oscureciendo parcial o completamente la luz del Sol. El valle de Lehigh estará en el rango de magnitud del 90-92 %, y el evento comenzará aproximadamente a las 2:08 p. m., incluido un pico a las 3:23 p. m. y concluyendo a las 16:35 horas.

La Escuela Charter Roberto Clemente seguirá su horario escolar regular en este día especial y nuestro personal discutirá el eclipse con los estudiantes. Durante todo el eclipse, se recomienda no mirar directamente al sol sin gafas protectoras para evitar daños oculares permanentes. Todos los estudiantes y el personal recibirán un par de anteojos para eclipses solares para usar durante la salida.

Hay mucho entusiasmo en torno al eclipse solar y en la página siguiente puede encontrar varios recursos e información para compartir con su familia. Este evento tiene la oportunidad de crear una memoria escolar para toda la vida para la comunidad RCCS y esperamos experimentarlo juntos.

Gracias,

Alyssa Mace
Director ejecutivo



Solar Eclipse Resources

LVHN - How to Safely View the Solar Eclipse: <https://www.lvhn.org/news/how-safely-view-solar-eclipse>

American Astronomical Society - Solar Eclipse

Resources: <https://eclipse.aas.org/resources/education-outreach>

Solar Eclipse Day Teaching

Resources: <https://sites.google.com/rps30.k12.ar.us/rpsscience/instructional-resources>

NASA 2024 Solar Eclipse: <https://science.nasa.gov/eclipses/future-eclipses/eclipse-2024/> and <https://science.nasa.gov/eclipses/future-eclipses/eclipse-2024/safety/>

NASA Goddard - Different Ways to Safely View a Solar

Eclipse: <https://www.youtube.com/watch?v=S3wKzsbCw8M>

PA Dept of Natural Resources: <https://www.dcnr.pa.gov/Pages/2024-Total-Solar-Eclipse.aspx>

PA Dept of Education Resources: <https://www.education.pa.gov/K-12/SolarEclipse/Pages/default.aspx>

The Shapiro administration released other information geared towards visitors:

<https://www.paturndpike.com/news/details/2024/03/15/shapiro-administration-shares-resources-for-visitors-motorists-ahead-of-april-8-solar-eclipse>