

The Sun, Moon, and Mr. Landis: April 8th Eclipse Discussion was an engaging and educational livestreamed video event held during the 2024 eclipse, hosted by Mr. Landis, a social studies teacher, and Mr. Palmer, a science teacher. This video aimed to provide an informative and interactive experience for students and families, delving into the science, history, and cultural significance of solar eclipses.

**Purpose:** The purpose of the video was to educate viewers about solar eclipses, combining both scientific explanations and historical perspectives. Mr. Landis and Mr. Palmer discussed the scientific phenomena behind eclipses, shared historical eclipse events, and explored myths and legends from various cultures.

**Where and When:** The video was livestreamed on Spring-Fords district website and social media platforms, such as YouTube and Facebook, on April 8th, coinciding with the eclipse event. It was also made available for on-demand viewing after the livestream, allowing families, students, and educators to watch at their convenience. This format ensured the content reaches a broad audience both in real-time and afterward.

**Target Audience:** The primary audience included Spring-Ford students (especially in science and social studies) and their families, as well as the broader community interested in learning more about solar eclipses. Secondary audiences include teachers and educators who can use the content to enrich their own classrooms or as a resource for future lessons on astronomy, history, or cultural studies.

**Effective Communication:** The video effectively communicated a range of information by combining the expertise of both hosts. Mr. Palmer explains the science behind the eclipses such as the orbits of the Earth and Moon and how eclipses occur while Mr. Landis provides fascinating historical context, discussing significant eclipse events from history and the cultural myths that have surrounded eclipses. The dynamic and engaging conversation between the two hosts kept viewers interested while making complex topics accessible.

**Outcomes Achieved:** The video achieved several key outcomes. First, it increased engagement with students and families by making a scientific event relatable and fun. It provided an opportunity for viewers to connect classroom learning with real-world events, enhancing both science and history education. The video also helped to raise awareness of the cultural significance of solar eclipses, exploring global perspectives and myths, and emphasized the importance of understanding both the scientific and human aspects of such

events. Additionally, the livestreamed format fostered a sense of community, allowing families to share the experience together. Ultimately, the Sun, Moon, and Mr. Landis livestream enhanced the educational experience for students and families while promoting curiosity, learning, and the celebration of a rare astronomical event.