

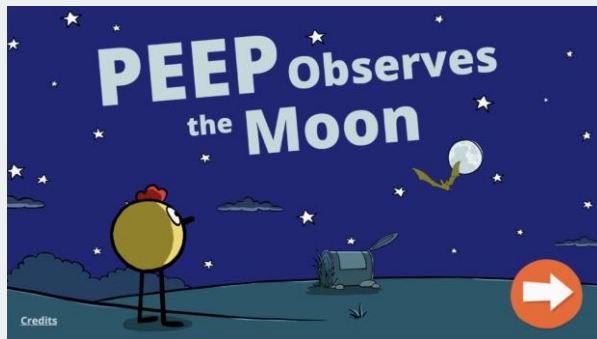


## Teach the Moon: Lunar Eclipse Phenomena

On June 5, Asia, Australia, Europe, and Africa will experience a penumbral lunar eclipse and in July, we will be able to witness a lunar eclipse in the United States! A lunar eclipse occurs when Earth is between the Moon and the Sun. While a lunar eclipse occurs only during the full Moon phase, it does not happen with every full Moon because the orbit of the Moon is not on the same plane as Earth's orbit around the Sun.

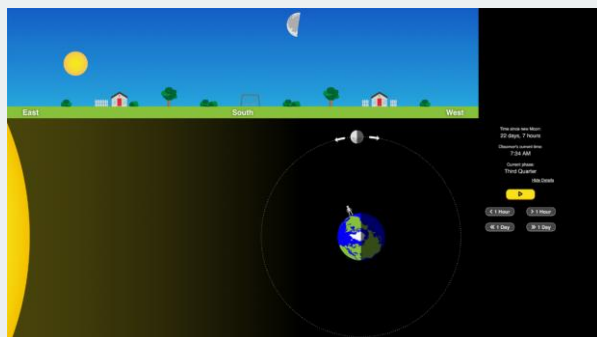
Teach your class about lunar phenomena around these special lunar events with our [Bringing the Universe to America's Classrooms](#) collection on PBS LearningMedia.

[Explore the Full Collection](#)



### PEEP Observes the Moon

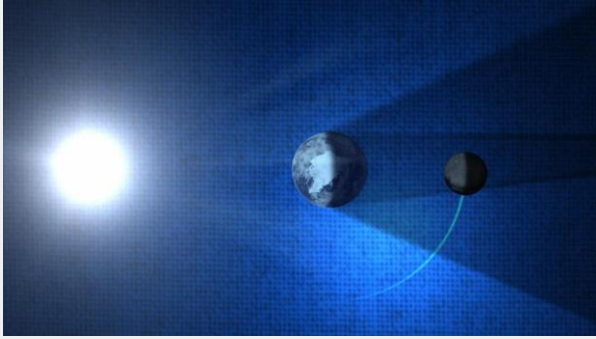
Young learners can observe how the Moon appears in the sky when viewed on different days. This interactive gives students an opportunity to interact with a character-guided observational experience of the Moon as they observe, analyze, and describe the Moon's appearance in the sky. **Grades K-2**



### Moon Phases Simulation Viewed from Earth and Space

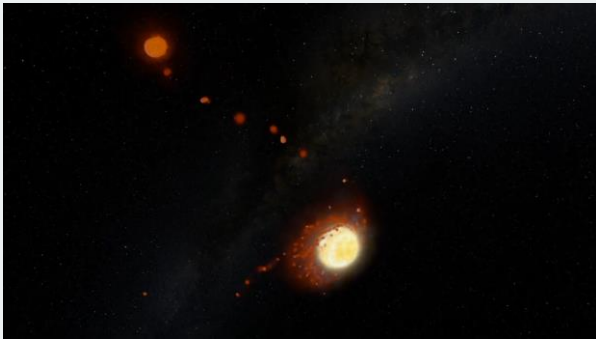
Relate observable Moon patterns to motions within the Earth–Sun–Moon system using this digital model. Students can use this to recognize cause-and-effect relationships and visualize the spatial and time scales of phenomena. **Grades 3-5**

## DESE and WGBH Partnership for Educational Resources



### Lunar Eclipses Explained

Learn about the mechanics of lunar eclipses. Use this resource to view and engage with visualizations that show the alignment of the Moon, the Sun, and Earth from multiple perspectives and to provide opportunities for students to develop and use models and make evidence-based claims about eclipses. **Grades 6-8**



### Moon Formation and Earth

Explore the connection between evidence about the Moon and its formation, and insights into Earth's early history. Use this resource to explore how the study of extraterrestrial materials can provide information about Earth's formation and early history. **Grades 9-12**

## Teach from the Moon!



It's pretty hard to travel anywhere right now, let alone to the moon! However, our new Zoom background will make it feel like you took NASA's Demo-2 rocket to the International Space Station (ISS)! Use this fun background while you're teaching and encourage your students to do the same as you go on interstellar learning adventures! Take a picture, tag us on social, and we'll re-share!

[Download the Zoom Background](#)