

**Eclipse Information**  
**Christine Hirst Bernhardt**  
[astronomy.teach@gmail.com](mailto:astronomy.teach@gmail.com)

**Simulations**

[Ellipse Orbit Simulation | Desmos](#)

[Lunar Phase Simulator](#)

**Activity**

[Eclipse lab: Similar triangles](#)

[Model eclipses](#) (make your own copy)

**Videos**

[Solar Eclipse 101 | National Geographic](#)

[Flying Around the 2024 Eclipse Shadow](#)

[Solar eclipse shadow seen from about million miles away from Earth](#)

[Annular Solar Eclipse Casts A Shadow On Earth](#)

[Annular solar eclipse shadow seen from space in epic time-lapses](#)

[NASA | Understanding Lunar Eclipses](#)

[2018 Total Lunar Eclipse Timelapse | Griffith Observatory](#)

[Exploratorium - YouTube](#)

**More Information**

[Predicting Eclipses: How Does the Saros Cycle Work? - Universe Today](#)

[Solar Eclipse Calendar](#)

[Lunar Eclipse Calendar](#)

**2024 Eclipse**

[2024 Total Eclipse: Where & When - NASA Science](#)

