**Eclipse Lesson**

**Standards:**

**8.E.4B. Conceptual Understanding:** Earth’s solar system consists of the Sun and other objects that are held in orbit around the Sun by its gravitational pull on them. Motions within the Earth-Moon-Sun system have effects that can be observed on Earth.

**Performance Indicators:** Students who demonstrate this understanding can:

**8.E.4B.1** Obtain and communicate information to model and compare the characteristics and

movements of objects in the solar system (including planets, moons, asteroids, comets,

and meteors).

**8.E.4B.4** Develop and use models to explain how motions within the Sun-Earth-Moon system

cause Earth phenomena (including day and year, moon phases, solar and lunar eclipses,

and tides).

1. Do a K-W-L with students concerning eclipses. Ask about 2 things they already **K**now, one thing they **W**ant to know. At the completion of class, they should add one thing they **L**earned.
2. Present the PowerPoint on eclipses. [eclipse.pptx](file:///F%3A%5CDocuments%5CDocuments%5Conline%20crs%20sc%5COER%5Csession%206%5Ceclipse.pptx)
3. Have students share their finished products (paragraphs or illustrations), either in small groups or as a class.

<http://www.curriki.org/oer/Total-Solar-Eclipse-SC-2017>

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