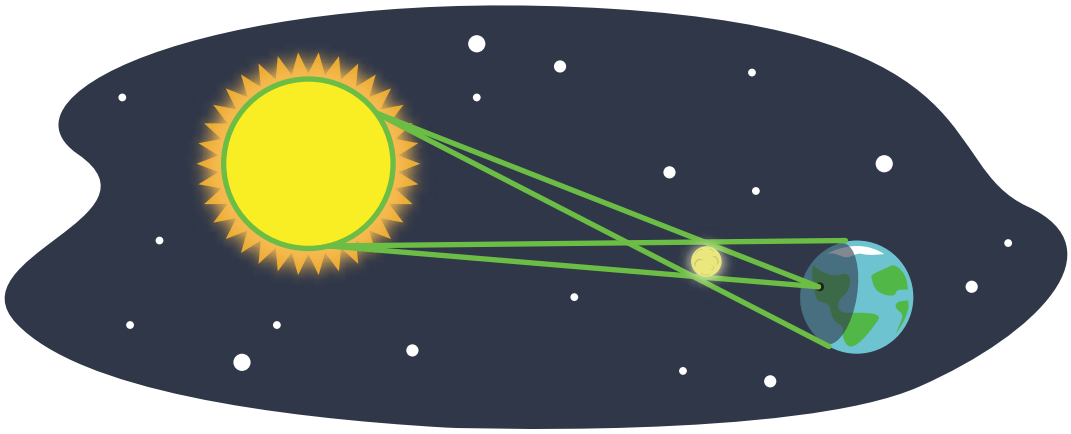
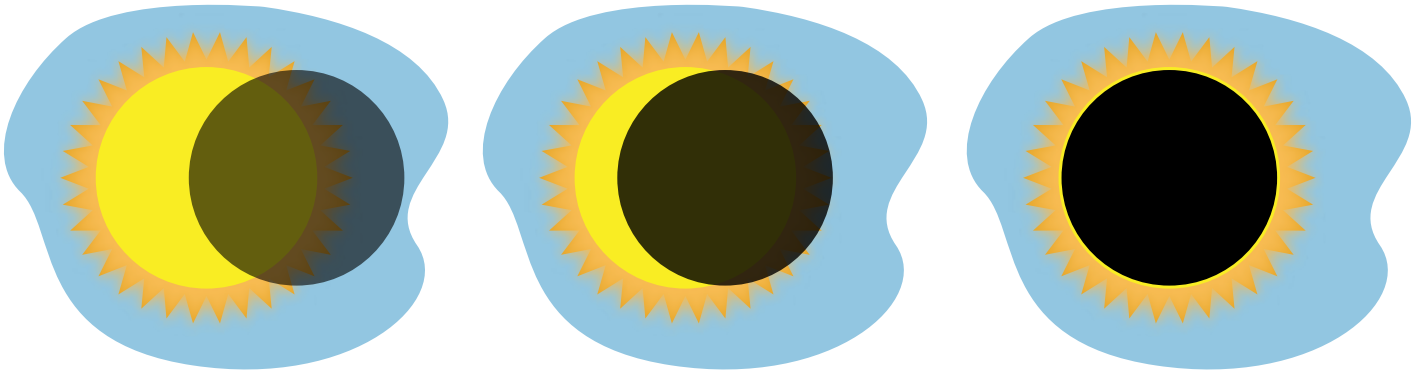
Solar Eclipse vs. Lunar Eclipse

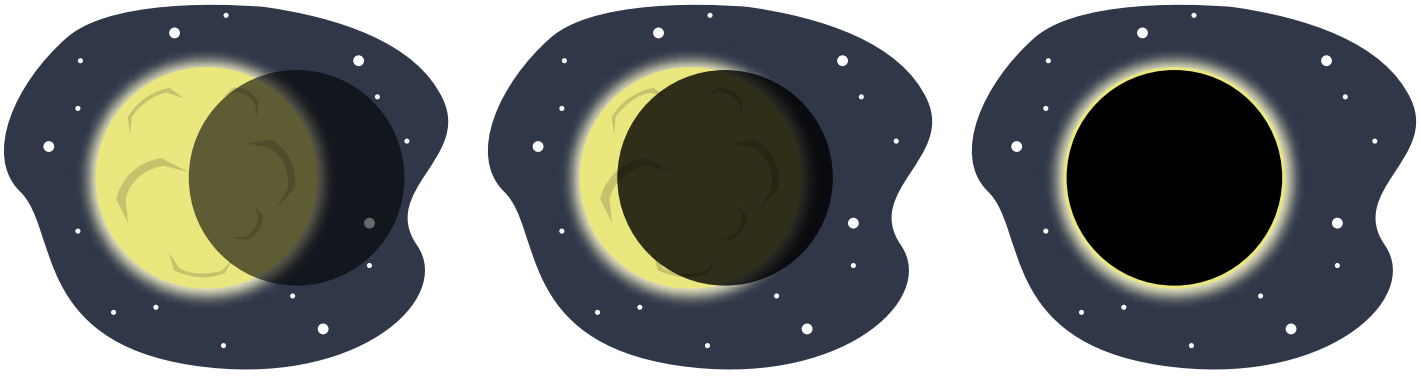


An *eclipse* is an obscuring of light caused by the passage of one object between a source of light and another object.



Solar Eclipse

A *solar eclipse* occurs when the moon moves between the sun and the earth, partially or fully blocking the sun. There are two to five solar eclipses every year.



Lunar Eclipse

A *lunar eclipse* occurs when the earth moves between the sun and the moon. There are at least two lunar eclipses every year.

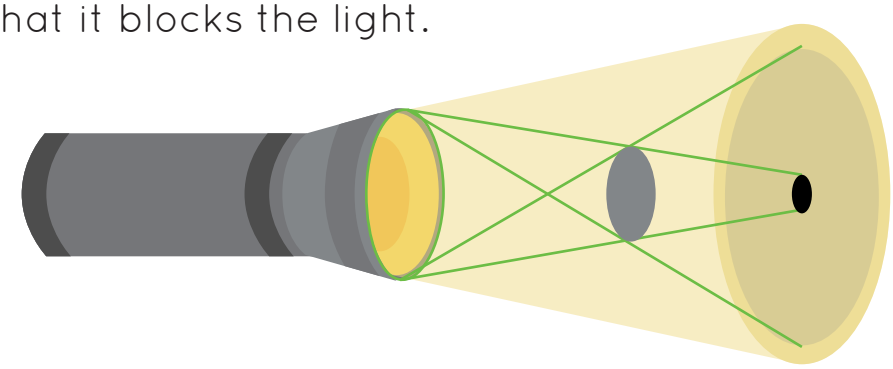
Reading Comprehension

Think About It!

During a solar eclipse the shadow of the moon covers up the sun. Do you think that when it happens the whole earth will be in darkness? Why or why not?

Try This!

Demonstrate what's happening during a solar eclipse on a smaller scale. All you need is a flashlight, a quarter and a partner. Aim the flashlight at your partner's face. Then have your partner hold up the quarter so that it blocks the light.



What happened? What do the different items represent? Which one is the sun? Which one is the moon? Which one is the earth?