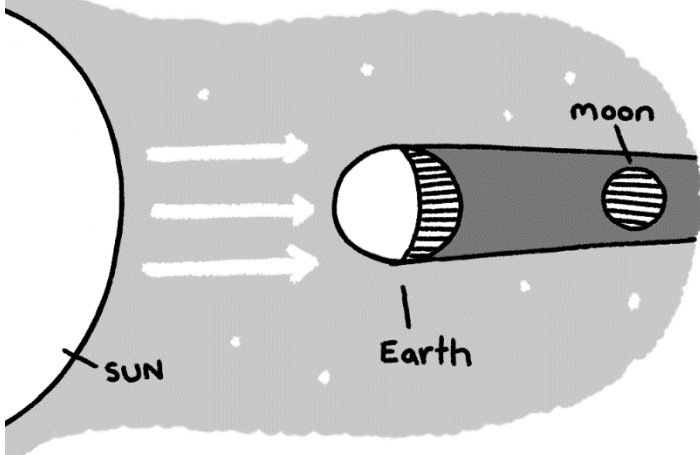


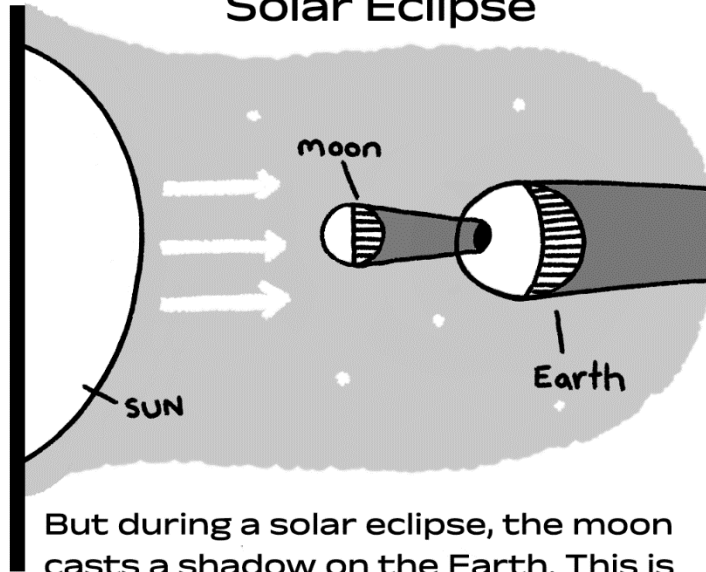
WHAT IS AN ECLIPSE?

Lunar Eclipse

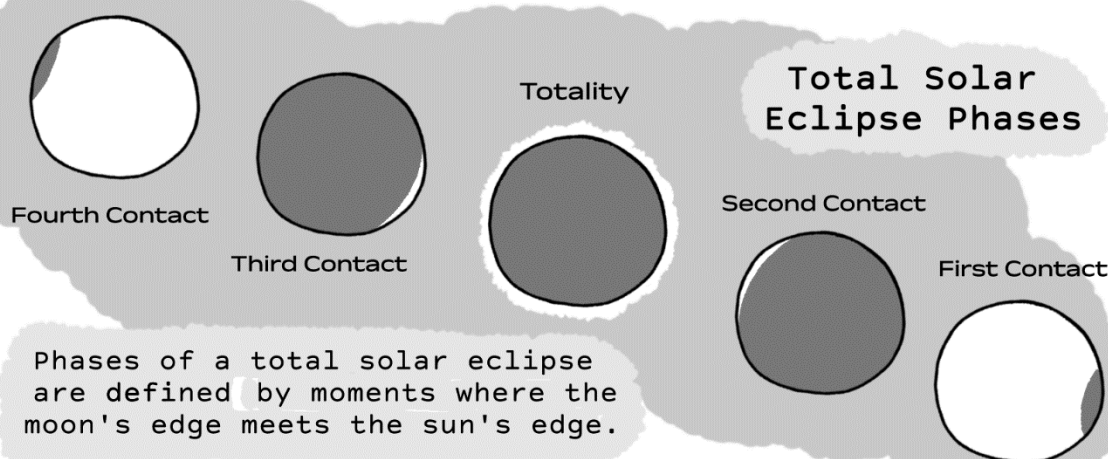
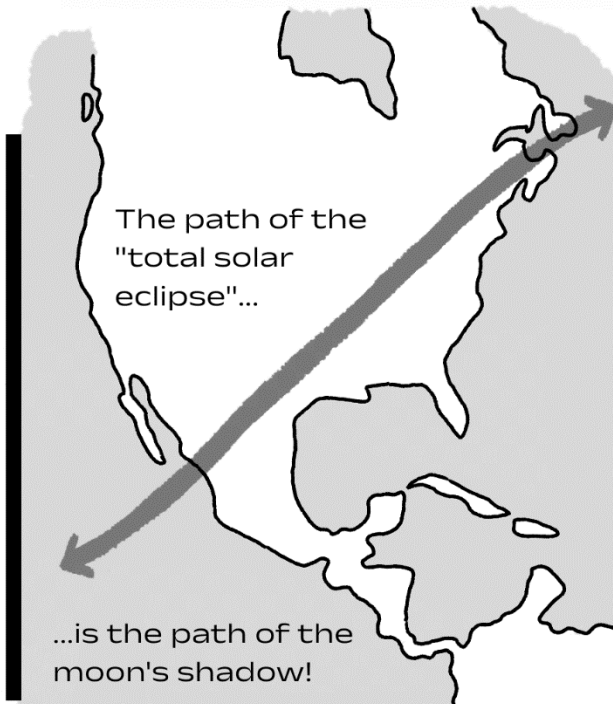


During a lunar eclipse, the Earth casts a shadow on the moon. This is why we only see lunar eclipses on the night side of Earth.

Solar Eclipse



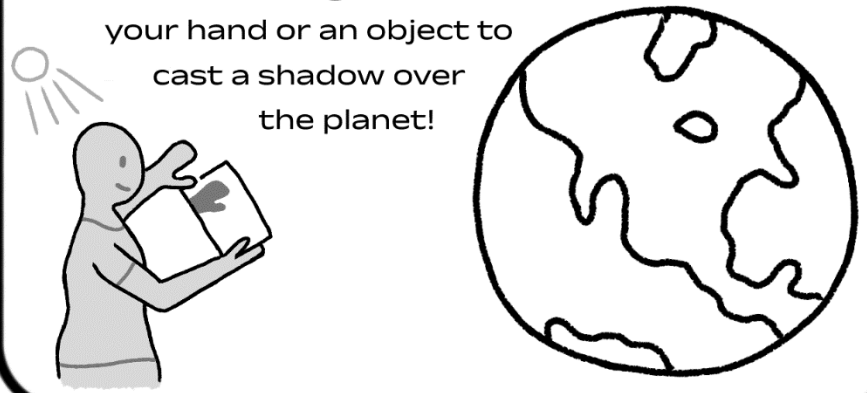
But during a solar eclipse, the moon casts a shadow on the Earth. This is why we only see solar eclipses on the day side of Earth.



Phases of a total solar eclipse are defined by moments where the moon's edge meets the sun's edge.

Be an eclipse!

Hold this paper with your back to a source of light, then use your hand or an object to cast a shadow over the planet!



STAY SAFE!!! NEVER look at the sun (even a small piece of it) without proper ISO 12312-2 regulation eclipse glasses. **NEVER** use eclipse glasses to look through a lens, like with a camera, telescope, or binocular because the focusing power of the lens will make the light burn through it. And **NEVER** try to use sunglasses instead of eclipse glasses. You will permanently damage your eyes!