

Ohio Science Standards

Two Small Pieces of Glass

This show dives into all things telescope – from the two basic types of scope to adaptive optics. Two Small Pieces of Glass covers these Ohio Education Standards:

High School

Physical Science

- ✓ ENERGY AND WAVES
 - Waves
 - Refraction, reflection, diffraction, absorption, superposition
 - Radiant energy and the electromagnetic spectrum
 - Doppler shift
- ✓ THE UNIVERSE
 - History of the Universe
 - Galaxy Formation
 - Stars – This show talks about spectra of stars

Physics

- ✓ WAVES
 - Light Phenomena
 - Visible spectrum and color

5th Grade

EARTH AND SPACE SCIENCE (ESS)

- ✓ **The solar system includes the sun and all celestial bodies that orbit the sun. Each planet in the solar system has unique characteristics.**
 - The distance from the sun, size, composition and movement of each planet are unique. Planets revolve around the sun in elliptical orbits. Some of the planets have moons and/or debris that orbit them. Comets, asteroids and meteoroids orbit the sun.
- ✓ **The sun is one of many stars that exist in the universe.**
 - The sun appears to be the largest star in the sky because it is the closest star to Earth. Some stars are larger than the sun and some stars are smaller than the sun.