

Ohio Science Standards

Bad Astronomy: Myths & Misconceptions

Were the moon landings faked? What are UFO's? And what does your horoscope really mean? Bad Astronomy grapples with these myths and more. Perfect for middle school audiences and adults! Bad Astronomy: Myths & Misconceptions covers these Ohio Education Standards:

Bad Astronomy excellently demonstrates the scientific method, forming hypotheses and explaining what pseudoscience is and how to detect it.

5th Grade

Physical Science (PS)

- ✓ **Light and sound are forms of energy that behave in predictable ways.**
 - Light travels and maintains its direction until it interacts with an object or moves from one medium to another and then it can be reflected, refracted or absorbed. Sound is produced by vibrating objects and requires a medium through which to travel. The rate of vibration is related to the pitch of the sound.

8th Grade

Physical Science (PS)

- ✓ **Forces between objects act when the objects are in direct contact or when they are not touching.**
 - Magnetic, electrical and gravitational forces can act at a distance.