

Ohio Science Standards

This is Our Sky

This show talks about the sky, Earth, our solar system, the constellations and the motions of the Sun, Earth and Moon. This is Our Sky covers these [Ohio Education Standards](#):

Kindergarten

EARTH AND SPACE SCIENCE (ESS)

- ✓ **Weather changes are long-term and short-term.**
 - Weather changes occur throughout the day and from day to day. Air is a nonliving substance that surrounds Earth and wind is air that is moving. Wind, temperature and precipitation can be used to document short-term weather changes that are observable. Yearly weather changes (seasons) are observable patterns in the daily weather changes.
- ✓ **The moon, sun and stars can be observed at different times of the day or night.**
 - The moon, sun and stars are in different positions at different times of the day or night. Sometimes the moon is visible during the night, sometimes the moon is visible during the day and at other times, the moon is not visible at all. The observable shape of the moon changes in size very slowly throughout each day of every month. The sun is visible only during the day. The sun's position in the sky changes in a single day and from season to season. Stars are visible at night, some are visible in the evening or morning and some are brighter than others.

2nd Grade

EARTH AND SPACE SCIENCE (ESS)

- ✓ **The atmosphere is made up of air.**
 - Air has properties that can be observed and measured. The transfer of energy in the atmosphere causes air movement, which is felt as wind. Wind speed and direction can be measured.