

Ohio Science Standards

The Weather K-2

The Weather is a show that talks about the basics in weather forecast. The Weather covers these [Ohio Education Standards](#):

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 physical properties of water can change.**
 - These changes occur due to changing energy. Water can change from a liquid to a solid and from a solid to a liquid. Weather observations can be used to examine the property changes of water.
- ✓ **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.
- ✓ **Water is present in the air.**
 - Water is present in the air as clouds, steam, fog, rain, ice, snow, sleet or hail. When water in the air cools (change of energy), it forms small droplets of water that can be seen as clouds. Water can change from liquid to vapor in the air and from vapor to liquid. The water droplets can form into raindrops. Water droplets can change to solid by freezing into snow, sleet or hail. Clouds are moved by flowing air.