

# Weather

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## Belt Loop

### **Complete these three requirements:**

1. Make a poster that shows and explains the water cycle.
2. Set up a simple weather station to record rainfall, temperature, air pressure, or evaporation for one week.
3. Watch the weather forecast on a local television station.

## Academics Pin

### **Earn the Weather belt loop, and complete five of the following requirements:**

1. Define the following terms: *weather*, *humidity*, *precipitation*, *temperature*, and *wind*.
2. Explain how clouds are made. Describe the different kinds of clouds - *stratus*, *cumulus*, *cumulonimbus*, and *cirrus* - and what kind of weather can be associated with these cloud types.
3. Describe the climate in your state. Compare its climate with that in another state.
4. Describe a potentially dangerous weather condition in your community. Discuss safety precautions and procedures for dealing with this condition.
5. Define what is meant by *acid rain*. Explain the *greenhouse effect*.
6. Talk to a meteorologist about his or her job. Learn about careers in meteorology.
7. Make a weather map of your state or country, using several weather symbols.
8. Explain the differences between tornadoes and hurricanes.
9. Make a simple weather vane. Make a list of other weather instruments and describe what they do.
10. Explain how weather can affect agriculture and the growing of food.
11. Make a report to your den or family on a book about weather.
12. Explain how rainbows are formed and then draw and color a rainbow.