

# Cub Scout Academics: Weather



## REQUIREMENTS

Tiger Cubs, Cub Scouts, and Webelos Scouts may complete requirements in a family, den, pack, school, or community environment. Tiger Cubs must work with their parents or adult partners. Parents and partners do not earn loops or pins.

### 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.