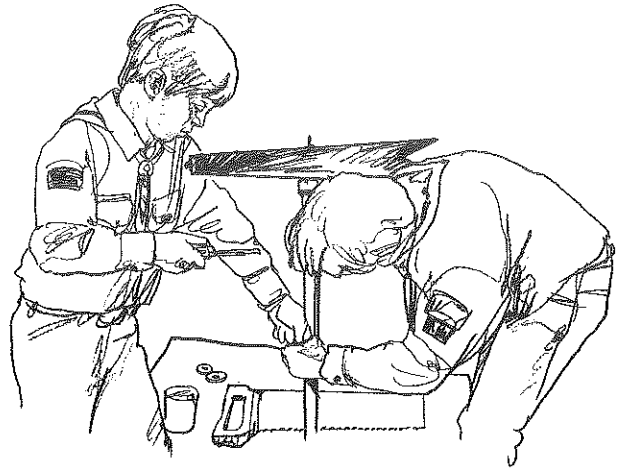
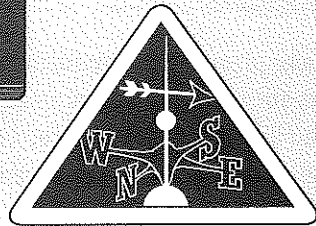


Cub Scout Academics: Weather



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. Discuss with an adult family member what you heard and saw. Follow up by discussing the accuracy of the forecast.

Academics Pin

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

- _____ 1. Explain to your den or an adult family member the meaning of these 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. Tell what is meant by *acid rain*. Explain the *greenhouse effect*.
- _____ 6. With your parent's or adult partner's permission, talk to a meteorologist about his or her position. Learn about careers in meteorology. Share what you learned with your den or an adult family member.
- _____ 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.