



# Cub Scout Academics: Weather

Cub Scout Pack 49

Denison, Iowa

Name of Scout: \_\_\_\_\_ Den: \_\_\_\_\_ Date: \_\_\_\_\_

**Please check what you have completed for either the loop or the pin:**

## REQUIREMENTS FOR THE WEATHER ACADEMICS BELT LOOP

Complete these three requirements:

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

## REQUIREMENTS FOR THE WEATHER ACADEMICS PIN

- \_\_\_ Required: Belt loop previously earned (or all three of the above requirements checked).

Complete five of the following requirements:

- \_\_\_ Define the following terms: weather, humidity, precipitation, temperature, and wind.
- \_\_\_ 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.
- \_\_\_ Describe the climate in your state. Compare its climate with that in another state.
- \_\_\_ Describe a potentially dangerous weather condition in your community. Discuss safety precautions and procedures for dealing with this condition.
- \_\_\_ Define what is meant by acid rain. Explain the greenhouse effect.
- \_\_\_ Talk to a meteorologist about his or her job. Learn about careers in meteorology.
- \_\_\_ Make a weather map of your state or country, using several weather symbols.
- \_\_\_ Explain the differences between tornadoes and hurricanes.
- \_\_\_ Make a simple weather vane. Make a list of other weather instruments and describe what they do.
- \_\_\_ Explain how weather can affect agriculture and the growing of food.
- \_\_\_ Make a report to your den or family on a book about weather.
- \_\_\_ Explain how rainbows are formed and then draw and color a rainbow.

I certify that this Cub Scout has completed the above marked requirements to the best of his ability.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_