

Cub Scout Requirements and Electives Using the Weather Station in the Outdoor Classroom

Tiger

Achievement # 5: Let's Go Outdoors

Requirement 5F - Family Activity

Go outside and watch the weather.

How to use the Outdoor Classroom Weather Station: Compare the instruments with what you see:

- feel the wind blowing; what does the Weather Vane show?
- how hot does it feel; what does the Thermometer show?
- has it rained recently; how could the Rain Gauge help you?

Bear

Elective # 2: Weather

- a. Learn how to read an outdoor thermometer.

Put one outdoors and read it at the same time every day for two weeks.

Keep a record of each day's temperature and a description of the weather each day (fair skies, rain, fog, snow, etc.).

How to use the Outdoor Classroom Weather Station:

- review the "Thermometer" information in the Weather Station Binder.
- copy/print enough copies of the "Weather Observer Forms" to last two weeks.
- visit the Weather Station each day at about the same time:
 - > observe each instrument
 - > fill in as much of the Observer Form as you can

- b. Build a weather vane.

Record wind direction every day at the same hour for two weeks.

Keep a record of the weather for each day.

How to use the Outdoor Classroom Weather Station: Use the Weather Vane at the Outdoor Classroom as a guide to build your own, or use it to complete this requirement.

- combine this requirement with "a".

- c. Make a rain gauge.

How to use the Outdoor Classroom Weather Station: Use the Rain Gauge at the Outdoor Classroom as a guide to build your own, or use it to complete this requirement.

- combine this requirement with "a" (measure the rain fall each day for two weeks).

- d. Find out what a barometer is and how it works.

Tell your den about it.

Tell what "relative humidity" means.

How to use the Outdoor Classroom Weather Station:

- review the "Barometer" information in the Weather Station Binder.
- tell your Den about it in your own words.

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Webelos

Scientist # 13

While you are a Webelos Scout, earn the Cub Scout Academics belt loop for Weather.
-- see below.

All Ranks

Weather Belt Loop & Pin

Belt Loop # 2

Set up a simple weather station to record rainfall, temperature, air pressure, or evaporation for one week.

How to use the Outdoor Classroom Weather Station :

- copy/print enough copies of the "Weather Observer Forms" to last a week.
- visit the Weather Station each day at about the same time:
 - > observe each instrument
 - > fill in as much of the Observer Form as you can

Pin # 9

Make a simple weather vane.

Make a list of other weather instruments and describe what they do.

How to use the Outdoor Classroom Weather Station :

- use the Weather Vane at the Outdoor Classroom as a guide to build your own.
- review the information in the Weather Station Binder.
- copy/print a few copies of the "Weather Observer Forms".
 - > use them to practice reading each instrument