



Cub Scout Weather

Cub Scout Academics and Sports Workbook

This workbook is not required but can help you with this award. Belt Loops and Pins may be earned more than once.

Links to other workbooks and resources are at the end of this workbook: [Online Resources](#).

Send comments to the workbook developer: craig@craiglincoln.com. Workbook updated: April 2008.

Scout's Name: _____

Pack: _____

Cub Scout Weather Belt Loop (See the [Pin Requirements](#) below.)

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.

Recording	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
Time							
Rainfall							
Temperature							
Air Pressure							
Evaporation							

3. Watch the weather forecast on a local television station. _____

Cub Scout Weather Pin

Earn the Cub Scout 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.

stratus, _____

cumulus, _____

cumulonimbus, _____

and cirrus _____

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.

Online Resources *(Use any Internet resource with caution and only with your parent's or guardian's supervision.)*

Cub Scout Advancement: <http://usscouts.org/advance/cubscout/ranks.asp>

Tiger: <http://meritbadge.org/wiki/index.php?title=Tiger>

Wolf: <http://meritbadge.org/wiki/index.php?title=Wolf>

Bear: <http://meritbadge.org/wiki/index.php?title=Bear>

Webelos: <http://meritbadge.org/wiki/index.php?title=Webelos>

Cub Scout Academics and Sports Workbooks: ▶ meritbadge.org -or- ▶ [Academics](#) / [Sports](#)

Webelos Activity Badge Workbooks: ▶ usscouts.org -or- ▶ meritbadge.org

Boy Scouts of America: <http://www.scouting.org/> ▶ [Guide to Safe Scouting](#) ▶ [Age-Appropriate Guidelines for Activities](#)

ExpertVillage.com Lesson Videos:  [How To Predict The Weather](#)

American Meteorological Soc.: <http://www.ametsoc.org/AMS>

Climatic Data Center: <http://lwf.ncdc.noaa.gov/oa/ncdc.html>

Nat. Geographic Soc.: <http://www.nationalgeographic.com>

Nat. Oceanic and Atmospheric Admin: <http://www.noaa.gov>

Career Guide: <http://www.ametsoc.org/atmoscareers/index.html>

Earth Watch Weather on Demand: <http://earthwatch.com>

Lightning Protection Institute: <http://www.lightning.org>

Satellite Meteorology for Grades 7-12: <http://cimss.ssec.wisc.edu/satmet>

The National Center for Atmospheric Research and the UCAR Office of Programs: <http://www.ucar.edu>