

ECC Ecology/Conservation Merit Badge Weekend 2021

Prerequisites

- Due to the limited time available to teach merit badges in a weekend, some merit badges will require scouts to complete certain requirements on their own. This document contains all of the prerequisites for the Ecology/Conservation Merit Badge weekend.

Astronomy -

6b) Sketch the phase and the daily position of the Moon at the same hour and place, for four nights within a one-week period. Include landmarks on the horizon such as hills, trees, and buildings. Explain the changes you observe.

Fishing –

10) If regulations and health concerns permit, clean and cook a fish you have caught. If you are unable to catch a fish for eating, acquire a fish, clean the fish you acquired, and cook the fish you acquired. (It is not required that you eat the fish.)

We will attempt to cover this requirement during the weekend; however, it is not guaranteed that there will be enough time to clean/cook a fish.

Reptile & Amphibian Study –

8a) Maintain one or more reptiles or amphibians for at least a month. Record food accepted, eating methods, changes in coloration, shedding of skins, and general habits; or keep the eggs of a reptile from the time of laying until hatching; or keep the eggs of an amphibian from the time of laying until their transformation into tadpoles (frogs) or larvae (salamanders). Whichever you chose, keep records of and report to your counselor how you cared for your animal/eggs/larvae to include

lighting, habitat, temperature and humidity maintenance, and any veterinary care requirements.

Weather-

9a) Keep a daily weather log for 1 week using information from this instrument as well as from other sources such as local radio and television stations or NOAA Weather Radio All Hazards, and Internet sources (with your parent's permission). Record the following information at the same time every day: wind direction and speed, temperature, precipitation, and types of clouds. Be sure to make a note of any morning dew or frost. In the log, also list the weather forecasts from radio or television at the same time each day and show how the weather really turned out.