


# ECOLOGY & CONSERVATION PROGRAM AREA

Merit Badge/ Activity	Difficulty	Location	Requirements Taught	Requirements NOT Taught	Items to Bring	Notes
 <p><b>Astronomy &amp; Space Exploration</b></p>	2	Nature Lodge	Astronomy: 1, 2, 3, 4, 5, 6, 7, 8f, 9a <b>COMPLETE WEATHER PERMITTING</b>  Space Exploration: 1, 2, 3, 4, 5a, 6a, 7, 8 <b>COMPLETE</b>	Astronomy: 4a, 4b, 4c, 4d, 6b, may not be completed due to weather.  Space Exploration: NONE	Scouts will need a field notebook.	Includes Twilight workshop Monday, Tuesday, and Wednesday. Scouts must attend all three Twilight workshops to meet the requirements.
 <p><b>Bird Study</b></p>	3	Nature Lodge	1, 2, 3, 4, 6, 8, 10, 11, 12 <b>INCOMPLETE</b>	We will start 5 and 7 during camp. We may not finish them.	Scouts will need a field notebook.	Scouts will participate in bird hikes on Tuesday, Wednesday, and Thursday.
 <p><b>Environmental Science</b></p>	4	Nature Lodge	1, 2a, 2b, 3a, 4a, 5b, 6a, 7a, 8a, 9, 10, 11 <b>COMPLETE</b>	NONE	Scouts will need a field notebook.	Not recommended for younger Scouts.
 <p><b>Forestry</b></p>	2	Nature Lodge	1a, 1b, 1c, 2c, 3a, 3b, 4a, 4b, 4c, 4d, 4e, 5a, 6, 7a, 7b, 7c, 8 <b>COMPLETE</b>	NONE	Scouts should bring a notebook in which to mount the leaf collection.	N/A

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 <b>Geology</b>	2	Nature Lodge	1, 2, 3, 4a, 5c1, 5c2, 5c3a, 5c3b, 5c4, 5c5b, 6 <b>COMPLETE</b>	NONE	Scouts will need a field notebook.	
 <b>Insect Study</b>	3	Nature Lodge	1a, 1b, 2a, 2b, 2c, 2d, 3a, 4a, 4b, 4c, 4d, 5a 5b1, 6a, 6b, 7a, 7b, 8a, 8b, 9 <b>INCOMPLETE</b>	3b, 4b and, 4c may not be completed in camp. They require the Scout to locate 20 different insects.	Scouts will need a field notebook. It will be beneficial for Scouts to have access to a digital camera or smartphone to complete requirement 4.	Requirement 3b cannot be done during camp. Scouts will be prepared to complete requirement 3b when they return home. We will start requirement 4 during camp. We may not finish.
 <b>Mammal Study &amp; Nature</b>	1	Nature Lodge	Mammal Study: 1, 2, 3c, 4g, 5 <b>COMPLETE</b> Nature: 1, 2, 3, 4bi, 4bii, 4ci, 4cii, 4ciii, 4ei, 4eii, 4gi, 4giib, 4hi, 4hii, 5, 6a, 6b, 7a <b>COMPLETE</b>	Nature: 4bi and 4bii may not be completed if the animals do not show up.	Scouts should bring a digital camera or smartphone. Scouts will also need a notebook in which to mount a leaf collection and field samples.	Great for younger Scouts. Some hiking involved.
 <b>Reptile &amp; Amphibian Study</b>	1	Nature Lodge	1, 2, 3a,3b, 3c, 3d, 4, 5, 6, 7, 9b, 9c, 10  INCOMPLETE	8a	Scouts will need a field notebook.	Requirement 8 will not be completed at camp. We will prepare Scouts to complete this requirement upon returning home; however, Scouts can complete this requirement prior to attending summer camp.