Scout Name	Unit #	Date

Ecology/Environment Merit Badge Worksheet





Requirement 1	
Explain the meaning:	
Ecology	
Ecosystem	
I fallt Succession	
Limiting Factor	
Give an example:	
Plant Succession	
Limiting Factor	
Requirement 2	
☐ With the help of your counselor, pick an anot available.	area of 3 hectares to study. City Scouts may pick an area in a large park, if a better place is
What was the place you selected?	
Requirement 3	
lifferent times. Record the following:	ne. Do it once a week on different times OR if in camp, different days of the week at
Date and Time	Temperature, Rain, and Wind
What the Animals Doing	
Type of Rocks and Soil	
Date and Time	Temperature, Rain, and Wind
What the Animals Daing	
Plants	
Type of Rocks and Soil	
Date and Time	Temperature, Rain, and Wind
Animals	
what the Animais Doing	
Plants	
Гуре of Rocks and Soil	
Date and Time	Temperature, Rain, and Wind
Animals	
what the Allihais Doing	
Plants	
Type of Rocks and Soil	

Scout Name	Unit :	# Da	ate

Requirement 4

Write about your study in 500 words or more showing: a) How climate, topography, and geology have influenced the number and kinds of plants and animals; b) How the living and non-living elements are interrelated; c) Why it is important that people understand this

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Requirement 5		
With your counselor, plan and carry-out a project on one of the following:		
 □ The effect of water-holding capacity of soil on plant life. The relation o and oxygen cycle. □ The influence of land plant life on temperature, light intensity, wind vel water environment. How both land and water plants affect animal 	locity, and humidity. The influe	
Requirement 6		
☐ Do a short talk to a Scout group regarding what you did for Requiren	ment 5.	
Requirement 7		
The cause of water pollution and what it does to rivers and lakes		
The cause of land pollution and what it does to the environment		
The cause of air pollution and what it does to the environment		
How chemicals get into the tissues of animals miles away from where they	/ were used	
Requirement 8		
What can you and other people do to solve a local problem, air pollution, v	water pollution, or litter	
Requirement 9		
Name three positions in environmental science and their duties.		
1		
2		
3		