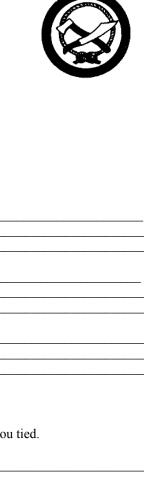
Scout Name	Unit #	Date

## Pioneering Merit Badge Worksheet

## **Requirement 1**



☐ Make a gadget for making rope, using local materials.
☐ With this gadget make a 20-foot rope, ½ inch or more in diameter.
☐ Whip the ends.
☐ Hand coil a length of rope.

## **Requirement 2**

Explain the following:

Kinds of Rope:		
Care for Rope:		
Weakening Effect	nots:	
	itches and explain how to use them in pioneering. List the twelve knots and hitches you tied.	
	-	
7.		
8		
9		
10		
11		

Scout Name	Unit #	Date
Requirement 4		
Make the following splices and explain the uses of each.		
☐ Short Splice		
□ Long Splice		
☐ End Splice		
☐ Eye Splice -		
Requirement 5		
Lash spars together properly using the following:		
☐ Square Lashing		
☐ Diagonal Lashing		
☐ Shear Lashing		
Requirement 6		
Design, have the design approved, and construct any of the following: Bamboo	Bridge, Signal Tower, Mo	oney Bridge, Raft, Shelter.
Design the project below:		
Counselor Approval of the Design:		
Unit Leader Approval of the Design:		

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Explain the principles involved in the construction:			
☐ Request the members of your patrol to assist in the construction.			
Requirement 7			
Do any three of the following:			
☐ Make a three strand turk's head neckerchief slide.			
☐ Show how to make a camp kitchen.			
☐ Explain and demonstrate pioneering anchorages for differen	t projects in various types of soil.		
☐ Demonstrate Patrol leadership in constructing a pioneering p	project designed by you.		
☐ Make and submit two-(2) scale models of pioneering project	ts.		