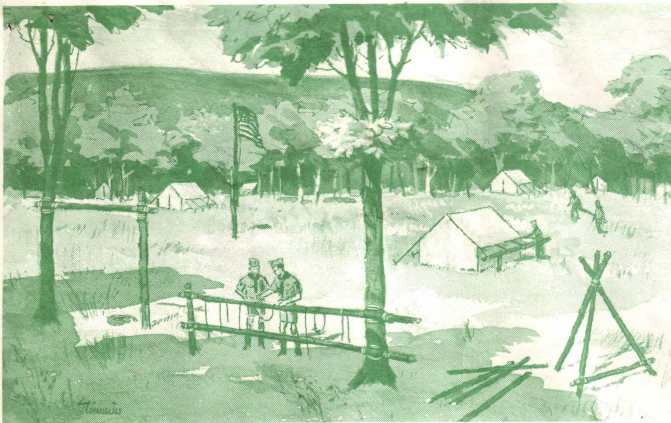
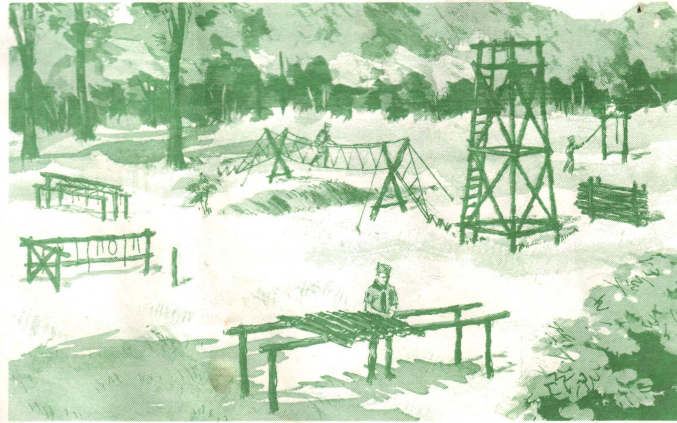




ON THE TROOP CAMPSITE

Most basic knots, hitches, and lashings used in campcraft can be learned in the troop campsite when certain equipment is available. Troops are encouraged to teach knots and hitches by using them

on their tents and cooking flies, a heaving bar, and a "what knot tree," while lashing is easily learned on a simple tripod.



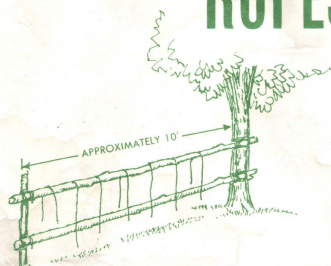
GENERAL CAMP AREAS

Pioneering projects (such as a signal tower and monkey bridge) and patrol competition and practice areas are set up in several camp locations. The double knot teaching rail is good for practice,

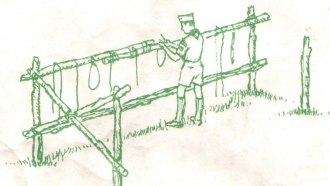
while a larger lashing rack and a bridge-decking frame are both helpful for Scouts earning Pioneering merit badge.

Poles for these projects should be obtained through selective cutting from trees marked by a professional forester, conservation official, or member of the camping and conservation committee.

ROPES, KNOTS, AND PIONEERING



The "what knot tree" is constructed with two 10' poles lashed to posts or trees to form a place to practice the basic knots not found on tents and flies. Four to six ropes, 5' long, are stapled to the top pole. A 3/4" rope is satisfactory for knots and lashing.



A more permanent lashing rack with upright posts set in the ground is located in the general camp area. It serves as an exhibit of correct lashing as well as a practice area for square, diagonal, and shear lashings.



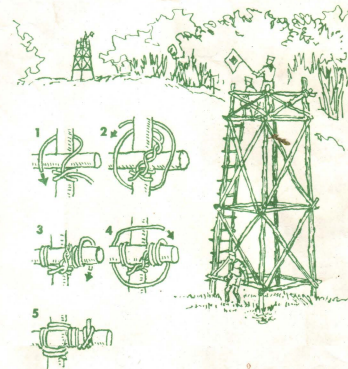
Patrol contest knot rack displays all knots correctly tied. They are taped or wired to provide a permanent demonstration. Located beside each permanent knot is a practice rope. The knot rail is a natural for patrol knot-tying contests.



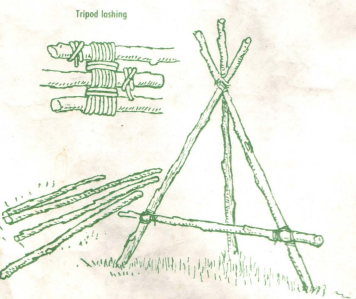
Outrigger poles on tents provide an excellent place to learn and practice the clove hitch. Other tent knots are two half hitches, taut-line hitch, and bowline.



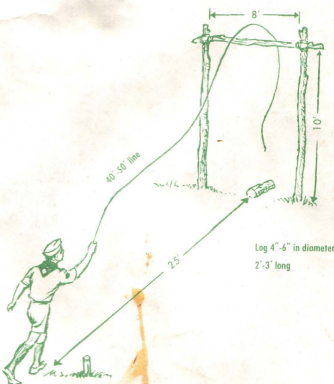
Practice and exhibit of lashings for bridge decking is an important part of pioneering skills.



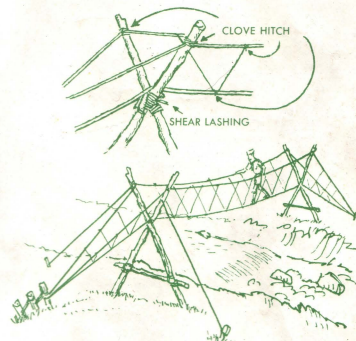
The familiar signal tower affords Scouts a practical opportunity to put their pioneering skills to use on a "be-man" project as well as provide a high-adventure program feature in camp.



Sets of poles and ropes for a lashing tripod provide a standing demonstration as well as equipment for practicing the shear, square, and diagonal lashings.



Good patrol competition as well as individual learning and fun are provided by the heaving bar. Line heaving and the use of the timber hitch, clove hitch, and two half hitches are featured.



The monkey bridge is a real "boy attractor" when constructed over a stream or natural gully where it will get plenty of use.