



OVER CROCODILE CREEK. Each patrol sets up a two-rope bridge (one rope to walk on, one as a handrail) between trees that are 10 to 12 feet apart. The foot rope should be not more than 4 feet above the ground, with the hand rope 6 to 7 feet above that. The patrol that gets all members safely across in the fastest time wins.

Equipment for each patrol:

Two $\frac{1}{2}$ -inch ropes, 25-30 feet long

HEAVE THE LIGHTWEIGHT. Each patrol assembles a tripod 9 to 10 feet high using a tripod lashing. The patrol then heaves a $\frac{1}{2}$ -inch rope over the top and makes a bowline on a bight in the end hanging down in the tripod. The patrol's lightest member stands in the bowline and the other members raise him 3 feet off the ground. The first patrol achieving this wins.

Equipment for each patrol:

Three poles, 10 feet long

One lashing rope, 20 feet long

$\frac{1}{2}$ -inch heaving rope, 30 feet long

FIREMAN, SAVE THAT CHILD! Each patrol makes a rope ladder using 4-foot poles as rungs. Secure the rungs with marlinspike hitches. Rungs should be 1 foot apart. The patrol then secures the ladder to a tree limb not more than 10 feet above ground. If desired, they can stake the bottom to the ground. When the ladder is secure, all members climb, one by one, and touch the tree limb. The patrol with all members up and down the ladder in the fastest time wins.

Equipment for each patrol:

Two $\frac{1}{2}$ -inch ropes, 20 feet long

Four or five 4-foot poles with $\frac{1}{2}$ - to 2-inch butts

Two 2-foot stakes

MOVE THE WEIGHT. If the campsite has a very heavy weight on the ground that a whole patrol can't lift (a huge log, perhaps), have a timed contest in which patrols try to move it using either the Lumberjack Pulley or Spanish Windlass shown in the *Pioneering* merit badge pamphlet. The patrol that moves the weight 6 feet is the winner.

LOG-RAISING RELAY. Each patrol lashes a crossbar between two poles about 12 feet long. They then erect the poles in postholes dug about 2 feet deep. The patrol then lines up, relay fashion, about 25 feet from the crossbar. On signal, the first Scout coils a 50-foot rope and tries to throw one end over the crossbar. When he is successful, he runs forward and ties a timber high around a 3-foot log under the crossbar, then runs back to the starting line and hoists the log off the ground by pulling on the throwing rope. He then lets the log down, runs forward and unties it, and carries the throwing rope back to the next Scout in line. Continue until the whole patrol has competed. The first patrol finished wins.

Equipment for each patrol:

Two 12-foot poles

One 8-foot crossbar

Camp spade

One $\frac{1}{4}$ -inch rope, 50 feet long

3-foot log

DOVETAIL CHAIR RACE. Each patrol assembles a frame about 1 foot square by joining four branches with dovetail notches (see *Pioneering* merit badge pamphlet). When the "chair" is complete, they tie ropes to the sides. The patrol's smallest member sits in the chair while the others carry him to a turning line and back. The first patrol finished wins.