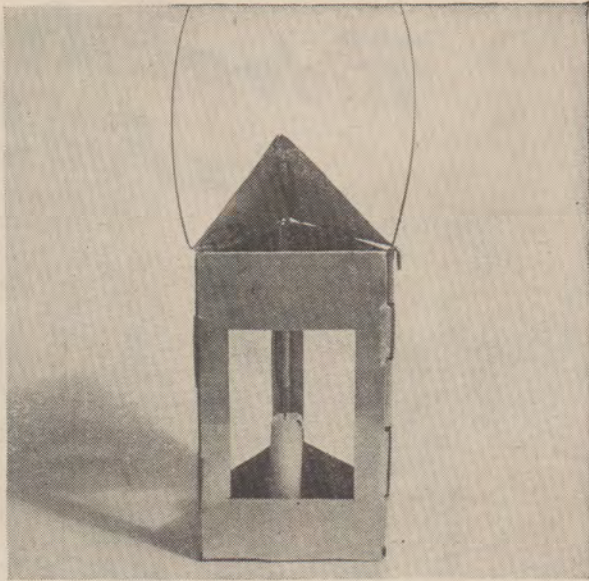


HOW TO MAKE A FOLDING CAMP LANTERN

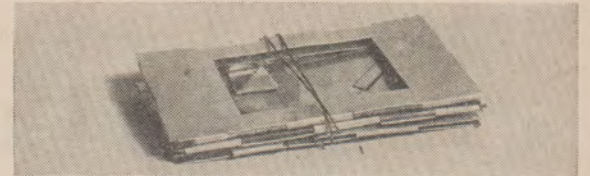


With an increasing number of opportunities for you to go overnight camping within the next few months, you're probably just reaching the point of digging your summer camping gear out of storage.

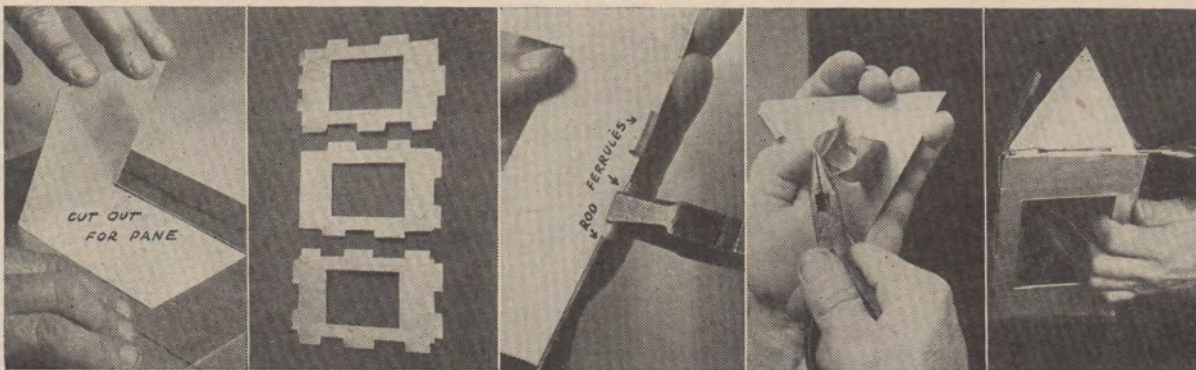
If you are, here's a new item you might add to your list of lightweight equipment—a compact folding lantern. Cutting out the windows will probably give you the most trouble. We suggest you score with a sharp tool guided by a stiff straight edge. When you've finally finished all the cutting, be sure to file all rough edges smooth. Your lantern will weigh less than a pound and will fold neatly.



Here's the assembled folding lantern. Notice the triangular vent at the top. A couple of plumbers candles will last you quite a while and will take away your worries about broken or worn flashlights

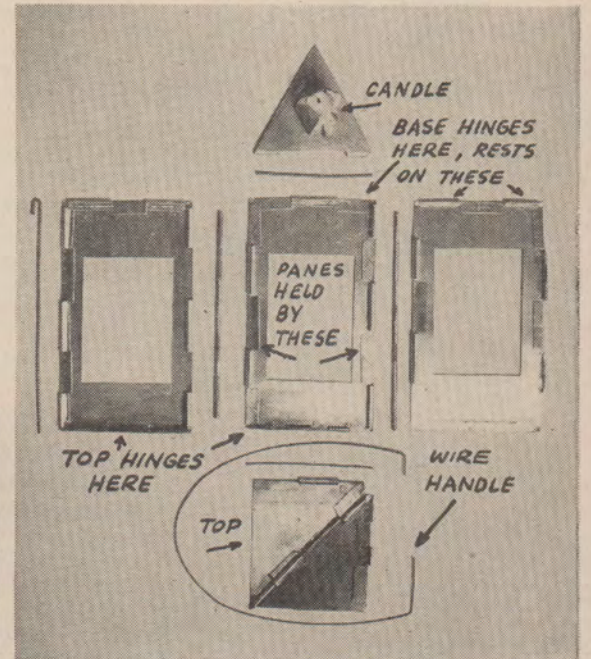


When folding your lantern, remove the rods from the top and base slots; then replace them unhinged, slip the top and base between the folded sides, and wrap with the handle so everything lies flat



Use one piece (18" x 12") of light weight sheet aluminum. Cut three panels, 5 1/2" x 9", and then cut the windows, 3" x 4 1/2". Next cut the ferrules, bend to hold windows in place. Allow about 1/16" between the edges of all the hinged points

Place 1/8" rods (coat hangers or welding rods will do) on the ferrule, then bend the metal around to make the hinge. Now make the bottom piece and rivet the candle cup to it. Hinge only one side of bottom piece. Other two sides rest on side props



Here are all the necessary pieces: the windows are made of non-flammable plastic or of mica. The crook on the left rod is for locking. It fits down over the side when in place and should be the only tight fitting rod. The others should rest loosely in their slots so you can remove them easily from their positions. Windows are held in place by fitting them under the bent-back sections between each hinge flap. The top of the lantern you make by hinging two scrap pieces of metal together

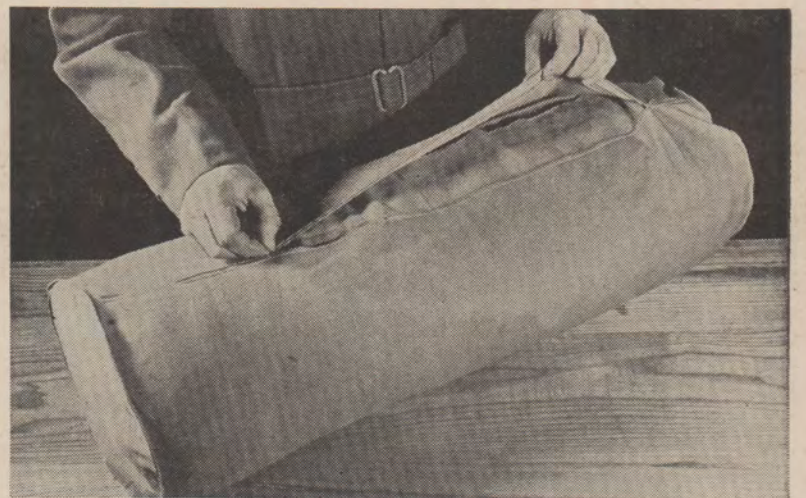
MAKE A SLEEPING BAG COVER



Don't take a chance on getting your sleeping bag wet or dirty. Make a cover for it. This cover features a zipper opening along the side and an inside flap that can be tucked in to make the bag virtually waterproof and dustproof should your canoe overturn or the trail be dusty. Finished, the cover measures 11" in diameter and 34" long. It fits a standard sleeping bag. To be on the safe side, roll up your sleeping bag rather tightly and measure it. Then, by following the same procedure, you can make adjustments for size as necessary.

For this one, you'll need a piece of cloth 36" wide and 56" long. It can be denim, canvas, or rubberized material. Get a 27" zipper. Then give the finished cover a coat of canvas waterproofing or take it to your cleaner's to be made water repellent.

-G.W.



1. FOLD CLOTH WRONG SIDE OUT SEW EACH END - 4" LONG 1" FROM THE EDGE.

2. NOW FLATTEN SEAM BY CREASING IT

3. CLOTH RIGHT SIDE OUT - PIN AND BASTE ZIPPER IN OPENING - ZIPPER GOES INSIDE.

4. SEW ZIPPER IN - CLOTH RIGHT SIDE OUT

5. TRACE A 12" KETTLE COVER TO MARK ENDS ON CLOTH

6. FOLD ENDS IN QUARTERS AND PUT PINS IN FOLDS TO MARK

7. FOLD FLAP IN TWO LENGTHWISE CLOTH INSIDE OUT SEW ENDS

8. PIN AND BASTE FLAP IN POSITION ALONG ZIPPER INSIDE THEN SEW FROM OUTSIDE

9. PIN ENDS IN POSITION AT QUARTER FOLDS IN TUBE. COMPLETELY PIN AND BASTE - THEN SEW 1/2" FROM THE EDGE (CLOTH INSIDE OUT)

LAY OUT THE PIECES ACCURATELY - BE SURE CORNERS ARE SQUARE