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Open top of milk carton, left, to decorate insides. Leave holes in top to let hot air escape. Connect to carrying stick with soft wire.



An oatmeal container, right, is ideal for making a lantern. Cut or push holes through the walls for your design. Then cover with colored tissue on the insides.

## Craft yourself a magic lantern

Here are some handy tips for making your own lantern for the Children's Candle Lantern Parade:

Large milk cartons, oatmeal containers and metal cans are ideal for lantern construction. Or you can use a rectangle of stiff material that can be rolled or folded into a lantern shape.

You'll probably want to paint and decorate your lantern, but designs cut through the sides to let the light shine through are what will show up the most at night. Large cut out shapes in the side of the lantern can be covered with colored tissue from the inside so that too much air does not get in and extinguish the candle. Just be sure to keep the tissue flat against the sides, away from the candle flame.

It's a good idea to keep the top of the container as open as the design allows for hot air to get out and for cool air to enter.

Use a loop of soft wire to attach the lantern to a carrying stick.

When using a milk carton, completely open the top of the carton so you can reach inside for decorating and gluing. To make the outer surface hold paint, roughen with light sandpaper.

A design of nail holes can decorate a metal

can lantern. Create your design with dots on the can first. Then pound the holes by using a hammer and nail over a piece of rounded wood.

Use a can that is large enough so that the rough points on the inside do not scratch you when you are lighting the candle. The original lid may be used for a top or one of your own design added. Paint the outside, but leave the inside of the can shiny for better light reflection.

Whatever your lantern design, a candle holder insert is needed. Cut a piece of cardboard the size of the lantern interior. Then cut a hole in the center and insert the candle. A small votive candle works well. A small flashlight can also be used.

Safety tips: Remember to always put air openings near the top of the lantern to avoid trapping hot air from the candle. Also, make sure the lantern body is wide enough so the candle will not set them aflame.

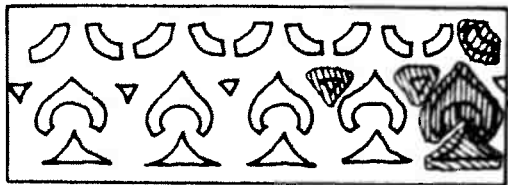
Illustrated sheets with more complete plans and tips are available at the Boise Public Library, Idaho State Historical Museum and the Boise Art Gallery. Or you can attend a free lantern making demonstration on Tuesday from 7 to 8:30 p.m. at the Fort Boise Community Center, 700 Robbins Road.



Many different designs can be made on a flat piece of stiff material before rolling or folding into a lantern. Cover openings with colored tissue.

lores form

YOU MAY WANT TO DO ALL THE DESIGN, CUTTING & COLOR WORK FLAT. MAKE A RECTANGLE OF STIFF MATERIAL THAT WILL LATER BE THE SIDE WALL OF THE LANTERN. HEAVY BLACK CONSTRUCTION PAPER MAY WORK PROVIDED YOU MAKE A BOTTOM STRONG ENOUGH TO SUPPORT THE CANDLE AND THE SHAPE OF THE LANTERN. REMEMBER TO WORK FROM THE INSIDE WHEN GLUING COLOR PIECES.

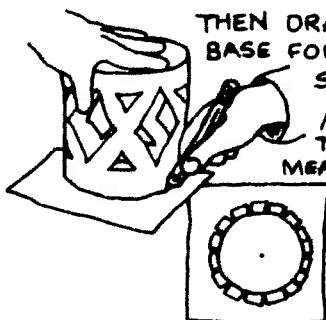


OVERLAP AREA FOR GLUING WHEN JOINED TO OTHER END.

DARK AREAS ARE CUT OUTS.



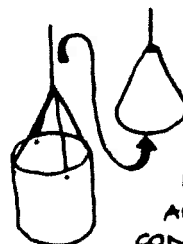
ROLL, OVERLAP ENDS AND GLUE.



THEN DRAW AROUND BASE FOR THE RIGHT SIZE BOTTOM.

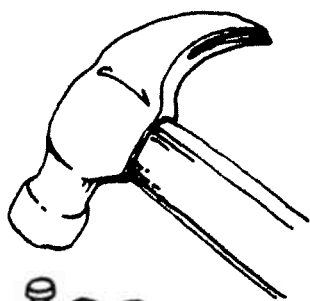
ADD FLAPS TO OUTSIDE OF MEASURED CIRCLE AND CUT OUT. GLUE FLAPS TO INSIDE OF LANTERN.

A POINTED TOP IN THE SHAPE OF A CONE INVERTED IS A STRONG ADDITION. MAKE IT FROM A HALF CIRCLE SHAPE LARGE ENOUGH TO COVER TOP OPENING.

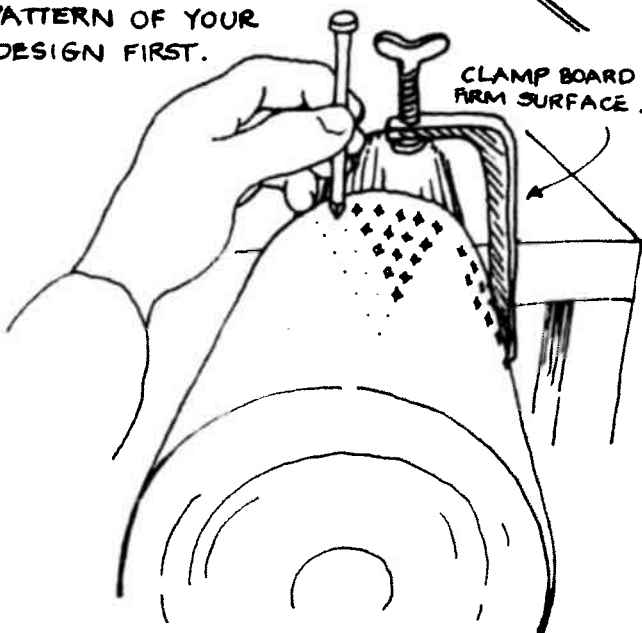


THE OPENING AT POINT OF CONE IS TO SLIDE WIRE OF HANGER THROUGH AND TO ALLOW HOT AIR OUT. THE CONE IS THUS REMOVABLE AND ALLOWS EASY ACCESS TO CANDLE, ETC

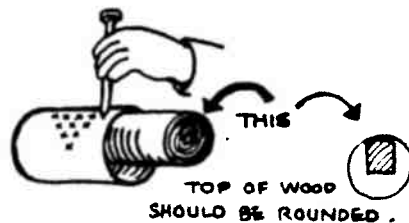
MARK DOTS FOR PATTERN OF YOUR DESIGN FIRST.



CLAMP BOARD TO FIRM SURFACE.



MADE FROM METAL CAN USING A HAMMER AND NAIL OVER A PIECE OF ROUNDED WOOD. THE WOOD SHOULD NOT BE FLAT ON TOP. THIS WOULD DISTORT THE SHAP OF THE CAN WHEN HIT.

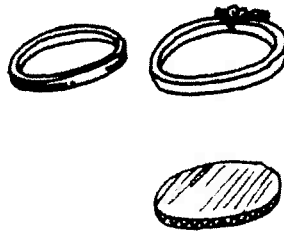


USE LARGE ENOUGH CAN SO THAT THE ROUGH POINTS THAT WILL FACE INWARDS DO NOT SCRATCH WHEN LIGHTING CANDLE.

PAINT CAN BLACK AND ADD STRING OR WIRE TO HANG LANTERN.

THE TOP MAY BE HELD IN PLACE WITH THE HANGING WIRE. THE TOP COULD BE OF CARDBOARD OR THE ORIGINAL CAN'S TOP. REMEMBER TO LEAVE ENOUGH OPENING FOR HOT AIR TO GET OUT. THIS IS NOT SO IMPORTANT WITH A CAN HAVING MANY OPENINGS IN ITS LIGHT PATTERN

ANOTHER METHOD OF FLAT CONSTRUCTION IS WITH CLOTH AND EMBROIDERY HOOPS  
 THIS ALLOWS COLOR TO BE ADDED TO A THIN PIECE OF MATERIAL AND DEPENDS ON THE HOOPS  
 AND THEIR HANGING WEIGHT FOR SHAPE.  
 ARE BEST FOR EASY ASSEMBLY.



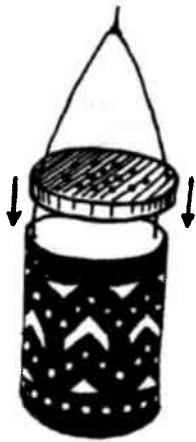
THE TOP IS A BIT OF A PROBLEM  
 UNTIL SIDE WALL HAS BEEN ASSEMBLED  
 AND GLUED IN PLACE. THIS IS TRUE OF  
 THE BOTTOM ALSO, BUT YOU MAY CHOOSE  
 TO USE A SOLID BOTTOM THE SAME DIAMETER  
 AS THE TOP HOOP. THIS ALLOWS YOU TO GLUE  
 THE BOTTOM IN PLACE FOR A RIGID SUPPORT  
 OF THE CANDLE. THE TOP MUST REMAIN FREE  
 TO BE OPENED FOR THE CANDLE.

THE CLOTH MAY BE COLORED IN A VARIETY OF WAYS.  
 ONE OF THE BRIGHTEST IS TO DYE IT WITH FABRIC DYE  
 USING A WAX RESIST TO BLOCK DESIRED AREAS  
 FROM THE COLOR. THIS MAY BECOME VERY BEAUTIFUL  
 IF TIME IS TAKEN TO BUILD OVERLAPPING COLOR PATTERNS  
 INTO THE DESIGN. THIS MEANS ADDING AND REMOVING  
 THE WAX MANY TIMES AND THUS CAN BE COMPLICATED  
 WHEN DONE WITH LARGE NUMBERS.

THE EASY WAY IS TO DYE THE BASE CLOTH ONE LIGHT COLOR. LET IT DRY; THEN PAINT IN AREAS OF SOFT  
 COLOR CHANGES. LET THIS DRY; THEN ADD DARK LINES TO ACCENT THE COLOR CHANGES.

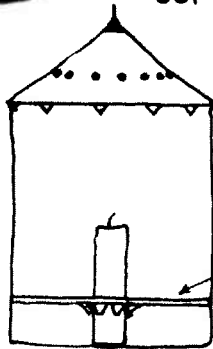


IF THE TOP IS AN EXTENSION OF  
 THE SIDES, IT COULD BE FOLDED  
 AND JOINED BY THE HANGING  
 MATERIAL. ALLOW ENOUGH  
 OPENING FOR HOT AIR EXIT.



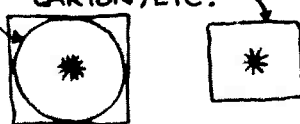
THE GREAT OATMEAL CONTAINER IS JUST WAITING FOR A  
 DESIGN AND PAINT. THIS A VERY EASY TO USE, LIGHT WEIGHT  
 LANTERN FRAME. YOU MAY CUT AND/OR PUSH HOLES THROUGH  
 ITS WALLS FOR YOUR DESIGN. THE LARGER CUT OUT SHAPES  
 SHOULD BE COVERED WITH COLOR TISSUE FROM THE INSIDE. (TOO MUCH  
 AIR WOULD GET THROUGH THE WALL AND EXTINGUISH THE CANDLE)

AGAIN, PUT HOLES IN TOP TO LET OUT HOT AIR. HANG WITH  
 SOFT WIRE, OR STRONG STRING.

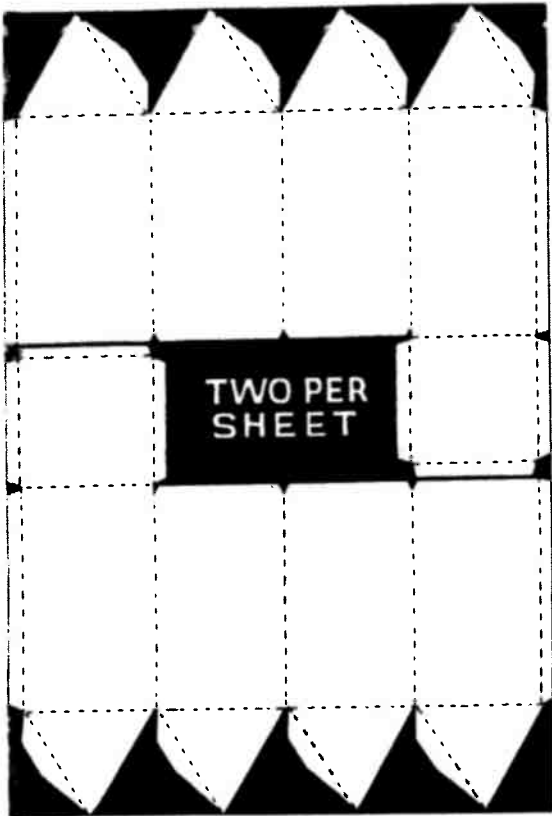


AN IMPORTANT PART OF MOST LANTERN CANDLE HOLDERS

TO HOLD CANDLE UP MAKE A CIRCLE THE SIZE OF  
 THE INTERIOR, THEN CUT OUT CROSS OPENINGS FOR  
 CANDLE TO BE INSERTED. MAKE SQUARE FOR MILK  
 CARTON, ETC.

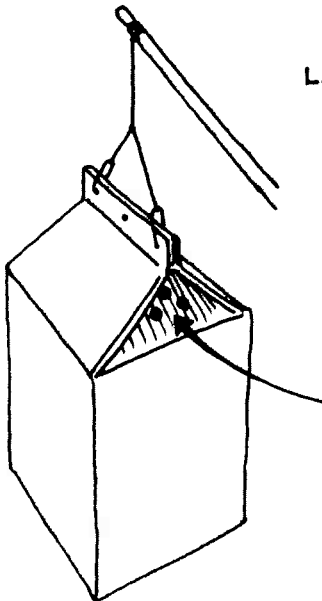
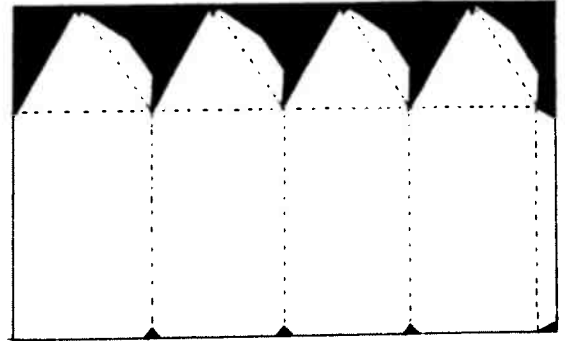
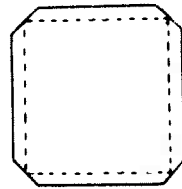


SCORE ALL DOTTED LINES WITH DULL TABLE KNIFE. CUT AROUND ENTIRE SHAPE (TOP, SIDES & BOTTOM) TO FORM ONE PIECE (LIGHT TO SHINE THROUGH) MUST BE CUT WITH EVERYTHING FLAT FOR EASE OF HANDLING THE HEAVIER WALL MATERIAL. DO THIS BEFORE GLUING. YOU MAY ADD COLOR TO OPENINGS FLAT OR AFTER ASSEMBLED. IF YOU ADD COLOR FLAT REMEMBER TO ADD IT FROM INSIDE DIRECTION. ALSO IF YOU WISH TO HAVE A BLACK LANTERN BODY IT SHOULD BE MADE BLACK BEFORE ADDING COLOR TO THE OPENINGS.



REMEMBER TO ALWAYS PUT AIR OPENINGS NEAR TOP OF LANTERN TO AVOID TRAPPING HOT AIR FROM CANDLE. MAKE LANTERN WIDE ENOUGH TO KEEP SIDES AWAY FROM CANDLE FOR SAFETY.

THIS VERSION IS ONE PER SHEET BUT BOTTOM IS FROM SEPARATE PIECE WITH GLUE FLAPS ALL AROUND.



LARGE MILK CARTON SHAPE IS GOOD PREMADE SHAPE.

A PROBLEM IS THAT THE SURFACE OF MILK CARTONS IS MORE DIFFICULT TO PAINT OR GLUE TO. IT IS A GOOD IDEA TO LIGHTLY ROUGH THE SURFACE WITH FINE GRADE SANDPAPER BEFORE PAINTING & GLUING. YOU MUST OPEN THE ENTIRE TOP SO THAT YOU CAN EASILY GET TO THE INSIDE FOR GLUING. THIS ALSO GIVES YOU ROOM TO LIGHT THE CANDLE. IF YOU ARE CAREFUL WHEN OPENING THE TOP IT WILL CLOSE BACK NEATLY ALLOWING FOR HOLES AND WIRE CLIPS TO BE USED FOR HANGING THE LANTERN. (AS IN DRAWING TO THE LEFT)

DON'T FORGET AIR HOLES ON BOTH SIDES UNDER FOLD OF TOP.

THIS REPRESENTS DESIGNS MADE BY GROUPING MANY HOLES. LARGE SHAPE CUT OUTS MAY ALSO BE USED IN THE DESIGN. REMEMBER TO KEEP THE STRENGTH OF OVERALL SHAPE IN MIND AND ALSO HOW MUCH LIGHT WILL PASS THROUGH THE DESIGN OPENINGS WHEN THEY ARE BACKED WITH COLOR TISSUE, ETC.

