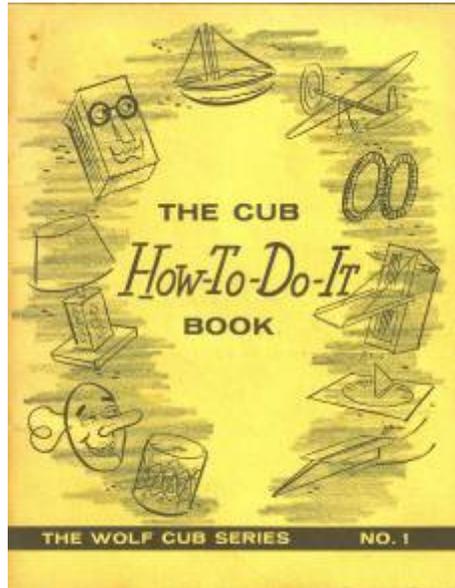


The Cub How-To-Do-It Book



The Wolf Cub Series No. 1

Have you ever wanted to make a boomerang or a bird feeder or fool your pals with your own trick puzzles? These things, as well as many others, are described for you in the following pages of this book.

You can find most of the materials and tools right around home. Get Mother or Dad to help you but you will find it easy and a lot of fun doing these things for yourself.

You will also find that making some of those items will help you in your Cub work.

Good Hunting.

Published by The Boy Scouts of Canada

The Cub How-To-Do-It Book

Downloaded from:
“The Dump” at Scoutscan.com
<http://www.thedump.scoutscan.com/>



Editor's Note:

The reader is reminded that these texts have been written a long time ago. Consequently, they may use some terms or express sentiments which were current at the time, regardless of what we may think of them at the beginning of the 21st century. For reasons of historical accuracy they have been preserved in their original form.

If you find them offensive, we ask you to please delete this file from your system.

This and other traditional Scouting texts may be downloaded from The Dump.

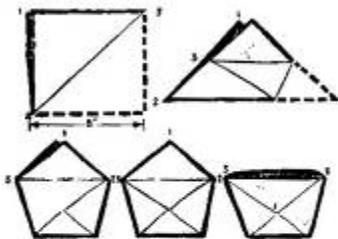
CONTENTS

Paper Craft
Paper Masks
Milk Carton Fun
Display Lamp
Games
Paper Pulp Work
Boomerangs
Java Jeep Airplane
Boats
Codes
Olympic Events
Muscle Builders
Soap Carving
Tanks
Bark Craft
Bird Feeder
Puzzles
Indian Craft
Chopping Block
Nut Animals and Birds
Orange Crate Bookcase
Shoe and Coat Rack
Other Fun 'n Stuff
Wrestlers
Shoeshine Box
A Sundial

Paper Craft for...

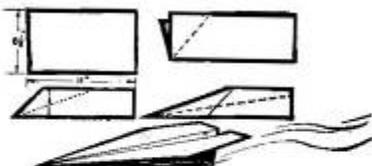
a paper cup

FOR DRINKING, TRANSPLANTING SMALL PLANTS. USE FAIRLY STIFF PAPER.



a paper glider

USE OLD MIMEOGRAPH PAPER. HOLD FOLDS TOGETHER WITH A PAPER CLIP



AFTER COMPLETING THE GLIDER, HAVE A CONTEST TO SEE WHICH WILL TRAVEL THE FARTHEST

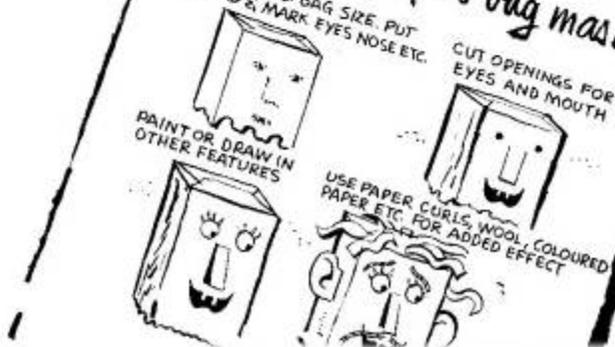
a paper bag mask

USE 14 LB. BAG SIZE. PUT ON HEAD & MARK EYES NOSE ETC.

CUT OPENINGS FOR EYES AND MOUTH

PAINT OR DRAW IN OTHER FEATURES

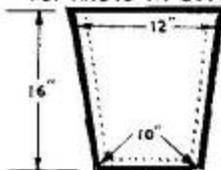
USE PAPER CURLS, WOOL, COLOURED PAPER ETC. FOR ADDED EFFECT



Wolf Cubs

a waste paper basket

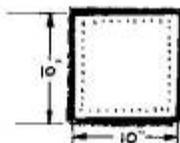
CUT 4 PIECES OF CORRUGATED
CARDBOARD 16" HIGH, 12" AT
TOP AND 10" AT BOTTOM



STENCIL OR SKETCH DESIGN ON 4 LARGE
PIECES. PUNCH HOLES 1" APART EXCEPT TOP



CUT ONE PIECE
10" X 10"



LACE PIECES TOGETHER
WITH STRING, FANCY CORD ETC.



a neckerchief slide

CAREFULLY SAW -
CARDBOARD TUBE
(1" DIA) INTO 1"
LENGTHS.

CUT $\frac{1}{4}$ " SLANTING
NICK DOWN TO EDGE
KNOT & INSERT END
OF COLOURED MATERIAL

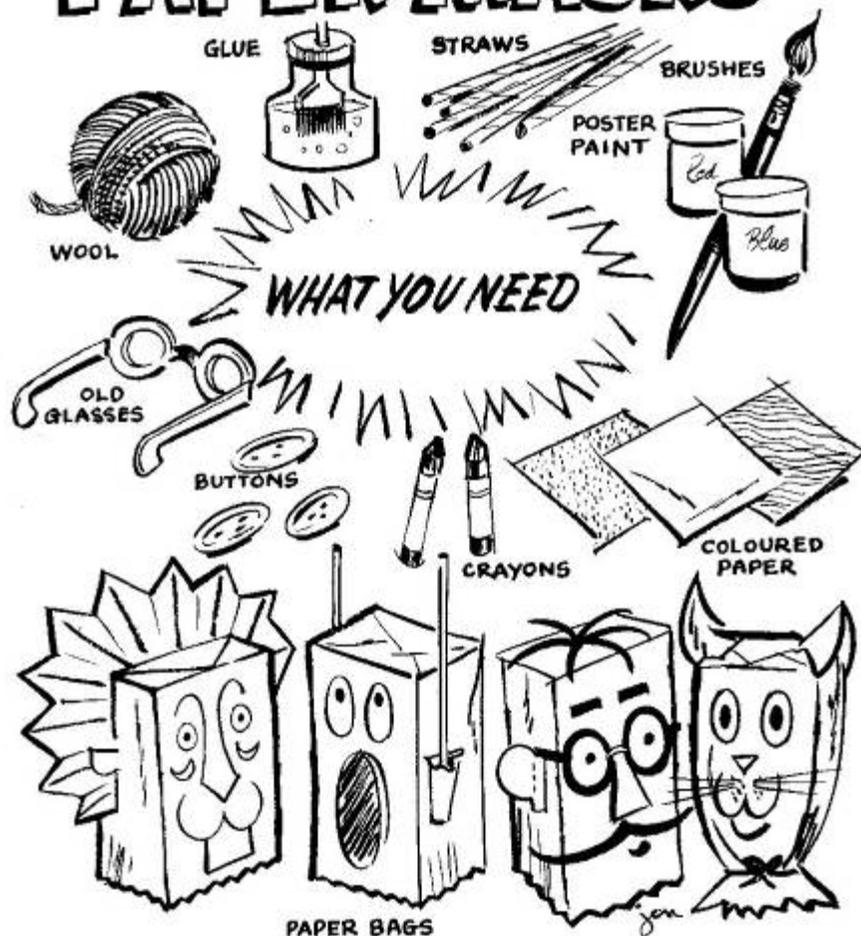
WRAP MATERIAL
OVER & OVER RING

WHEN RING IS COVERED
WEAVE LENGTH OF
DIFFERENT COLOURED
MATERIAL THROUGH IT.



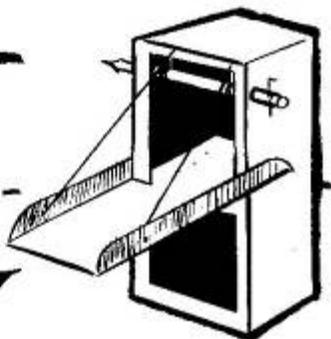
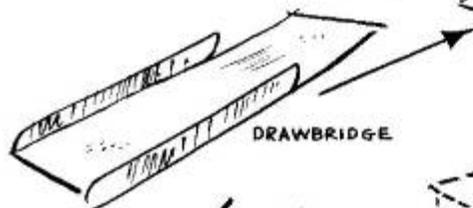
IF USING RAFFIA, WOOL OR CORD, SHELLAC RING

PAPER MASKS

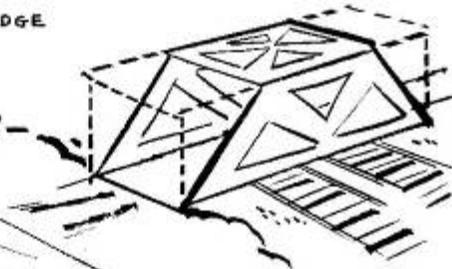


Milk Carton *fun*

make a drawbridge-



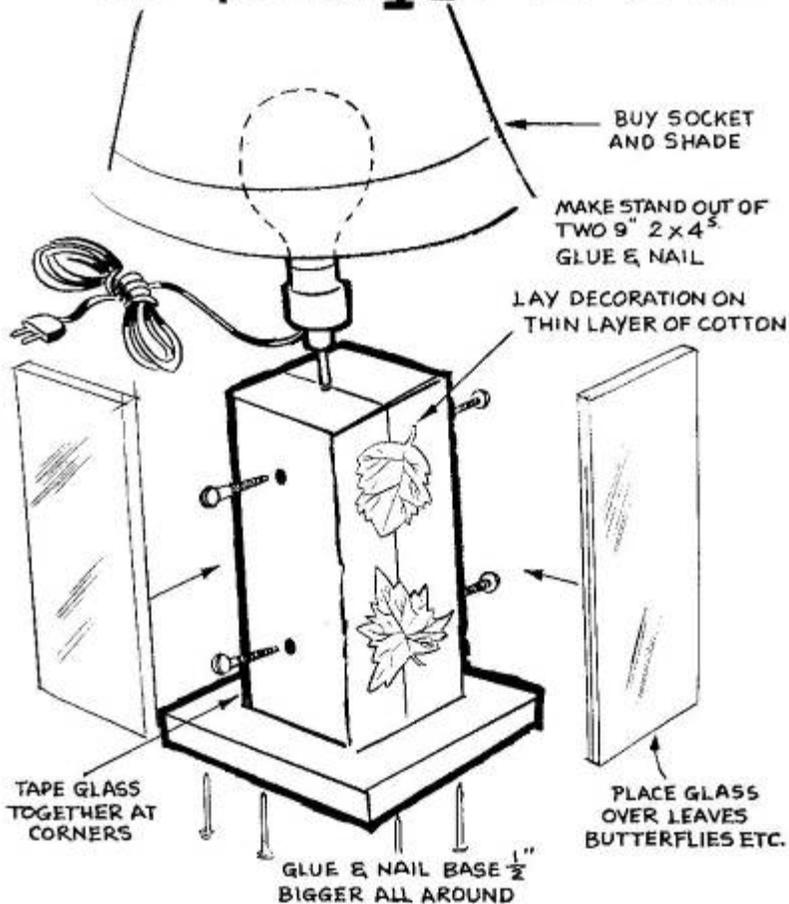
make a bridge-



make a boat-

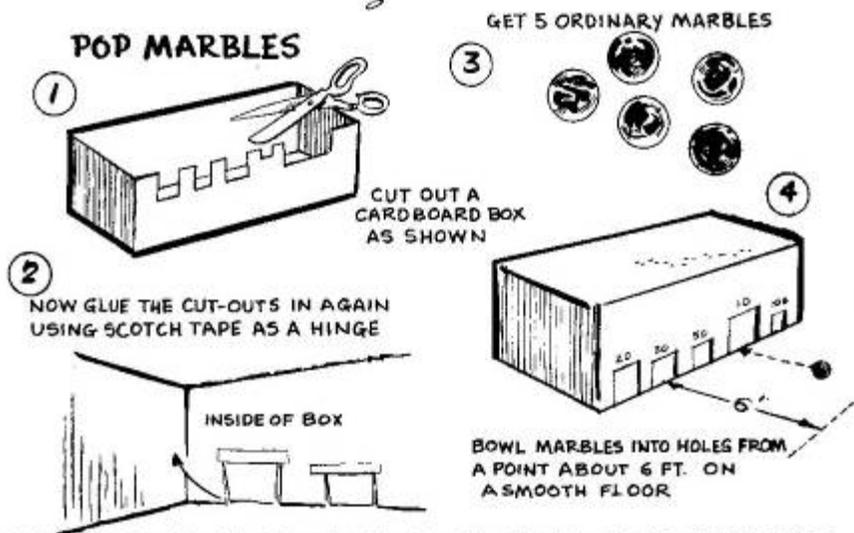
make a

DISPLAY LAMP

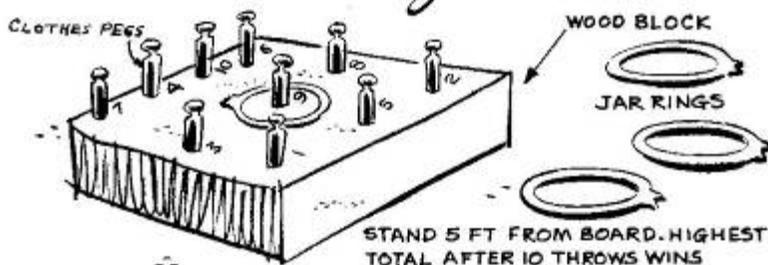


Fun'n Games

POP MARBLES



NUMBER RING - *toss game*



PAPER PULP

"HOW
TO
MAKE
IT"

- ① **TEAR** NEWSPAPER
INTO SMALL PIECES



- ② **SOAK** OR BOIL
UNTIL SOFT

- ③ **RUB**
INTO FINE PULP

SQUEEZE OUT EXCESS
WATER WHEN READY TO USE



- ④ **ADD**
POWDER PASTE OR FLOUR,
ALSO SOME SALT TO
PREVENT SOURING-



- ⑤ **MIX WELL**
UNTIL TEXTURE IS
SMOOTH AND PLIABLE

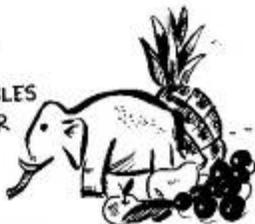


it's now ready to use ...

"WHAT
TO
MAKE"

① **MODEL IT LIKE CLAY**

MAKE FIGURES, FRUIT, VEGETABLES
LET DRY... PAINT WITH POSTER
PAINT—ADD BEADS, PAPER,
STRING ETC. TO WET PULP



② **BUILD IT UP...**

OVER BOXES, JARS, OR
WADDLED PAPER, MOUNT
MASKS ON STIFF CARD-
BOARD



③ **MAPS IN RELIEF**

MODEL ON FIRM BACKING—
WELL TACKED DOWN TILL
DRY TO PREVENT WARPING—
ADD TWIGS FOR TREES,
GRAVEL, ETC. FOR EFFECT.



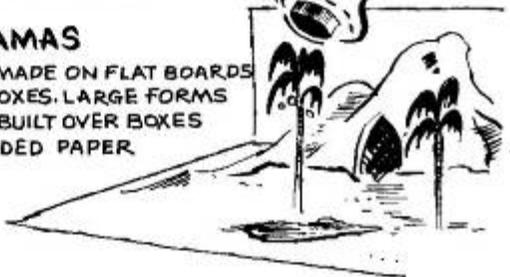
④ **PUPPET HEAD**

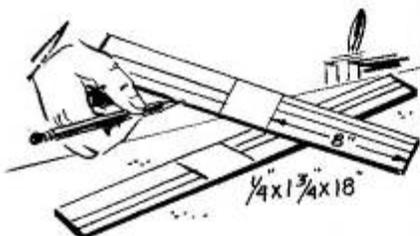
BUILD UP PULP OVER PAPER
TUBE THAT FITS THE INDEX
FINGER...MODEL A RIM
AROUND THE NECK TO
HOLD THE COSTUME



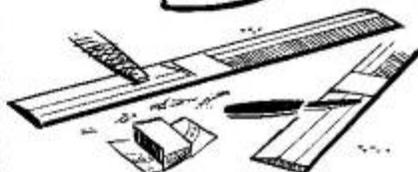
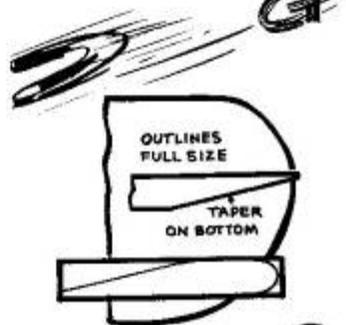
⑤ **DIORAMAS**

CAN BE MADE ON FLAT BOARDS
OR IN BOXES. LARGE FORMS
CAN BE BUILT OVER BOXES
OR WADDLED PAPER.





SQUARE LINES ACROSS BLADES 8" FROM ENDS. PENCIL-GAUGE LINES FOR CUTTING. USE PINE OR BASS WOOD



FILE BLADES FLAT BETWEEN LINES, FORM CURVES, SAND SMOOTH



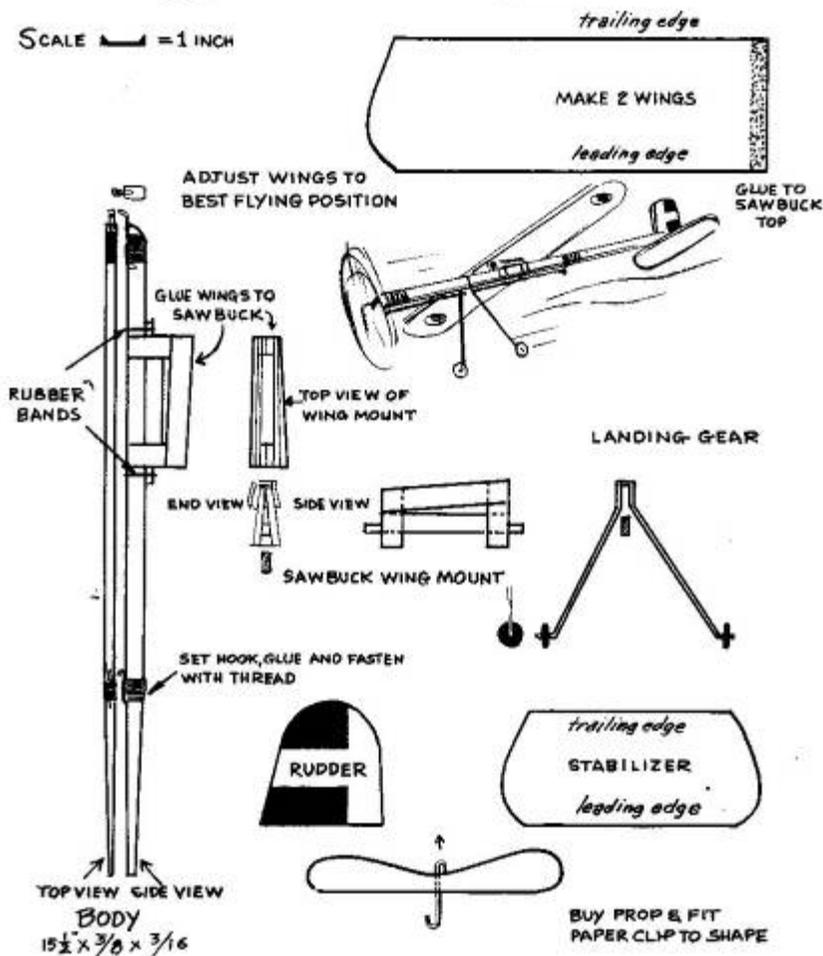
USE PATTERN TO MARK ENDS. CUT TAPER ON BOTTOM OF BLADE TIPS WITH CHISEL OR KNIFE.



CENTER BLADES EXACTLY. CHECK SQUARENESS, FASTEN WITH $\frac{3}{4}$ " NAILS, CLINCH UNDERNEATH

the JAVA JEEP

SCALE  = 1 INCH







CODES

Simple transposition A = Z
 ABCDEFGHIJKLM
 ZYXWVUTSRQPON

or using a codeword
 e.g. cougar becomes
 COUGARBDEFHIJ
 ZYXWVTSQPONMLK

Or A = 1, B = 2 etc.

A	B	E	F	I	J
C	D	G	H	K	L
M	N	Q	R	U	V
O	P	S	T	W	X

Thus $\square = A$ $\square = B$ } Scout is written
 $\square \square \square \square \square \square$
 $\textcircled{YZ} \square = T \textcircled{O} = Y$

MORSE CODE can be written in many ways
 e.g. Hills & Valleys $\wedge \wedge = \dots -$ or U; $\wedge \wedge \wedge = - \dots -$ or C

Or Dots = odd numbers Dashes = even numbers
 THUS 1355 7 723 499 628 421
 - - - -

Or In match sticks - head up = • head down = —

$\begin{array}{cccc} \downarrow \downarrow & \downarrow \downarrow \downarrow & \downarrow \downarrow \downarrow & \downarrow \downarrow \downarrow \downarrow \\ \hline M & O & R & S E \end{array}$

MILK LEMON INVISIBLE WRITING

PEN DIPPED IN SOLUTION

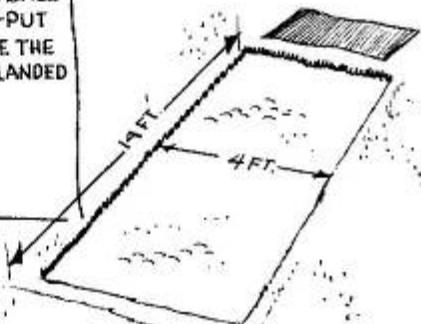
CANDLE HELD UNDER PAPER TO BRING OUT WRITING.

OLYMPICS

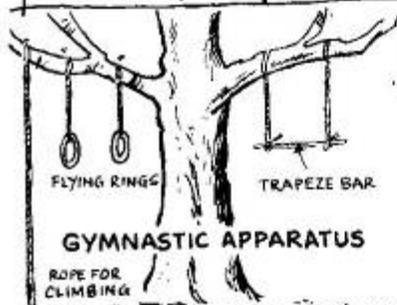


SHOT-PUT...
USE A SOFTBALL
AS A SHOT-PUT
MARK WHERE THE
SHOT FIRST LANDED

BROAD JUMP...
STANDING AND RUNNING



DIG UP A SECTION OF GROUND. MAKE IT SMOOTH. USE PIECE OF CLOTH TO MARK TAKE-OFF SPOT. HAVE A TAPE MEASURE HANDY FOR MEASURING AND A RAKE FOR SMOOTHING OUT PIT.

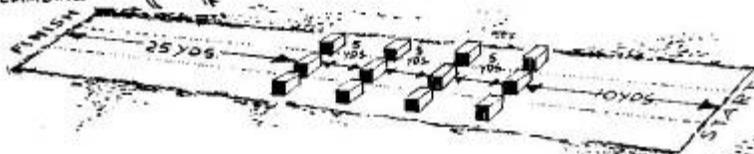


FLYING RINGS

TRAPEZE BAR

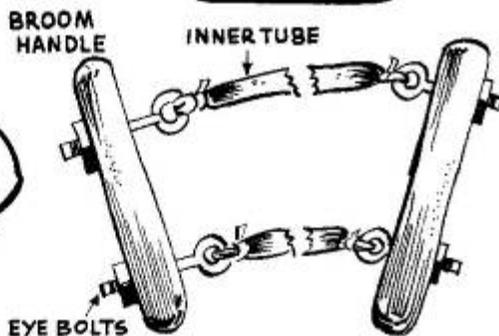
GYMNASTIC APPARATUS

ROPE FOR CLIMBING

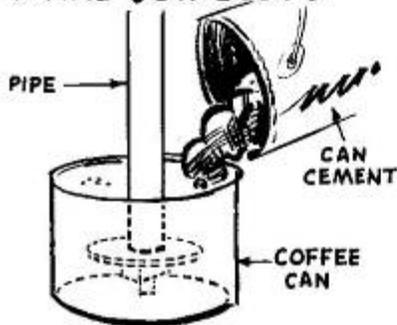


FOR LOW HURDLES... USE 50 YARD SECTION OF TRACK. PLACE TWO FOOT HIGH CARTONS (4 OF THEM) LINED UP 5 YDS. APART BEGINNING 10 YDS. FROM STARTING LINE... 3 ROWS FOR 3 RACES. INCREASE HEIGHT OF HURDLES AS YOU IMPROVE.

Muscle builders



MAKE DUMBELLS



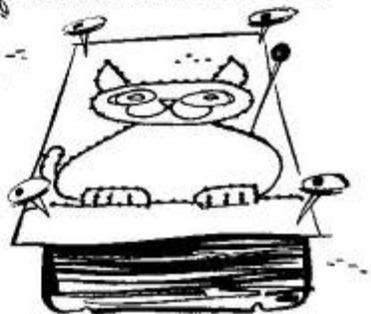
CRUMBLE A SHEET OF PAPER INTO TIGHT BALL TO DEVELOP WRISTS & ARMS

SOAP CARVING

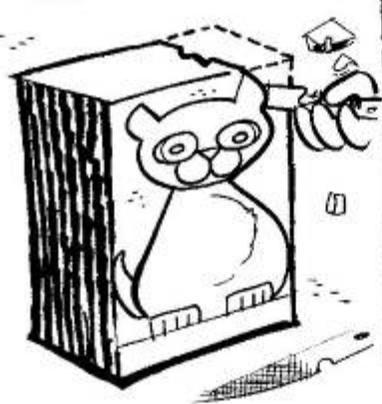
START WITH A DESIGN



PRICK DESIGN ONTO SOAP



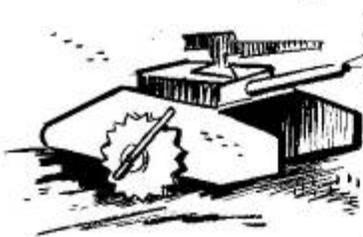
CARVE OUT OF BLOCK



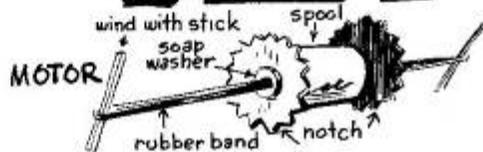
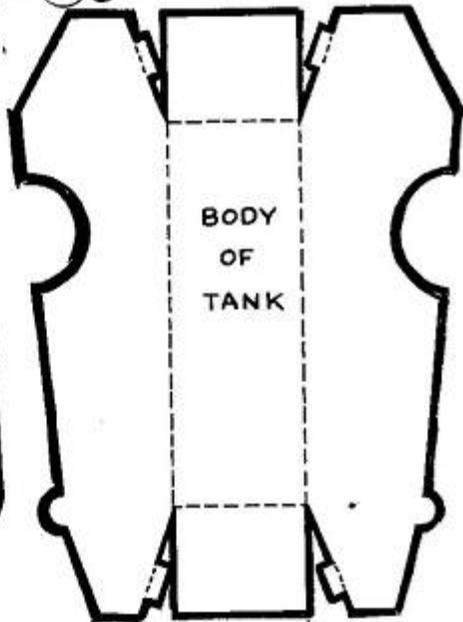
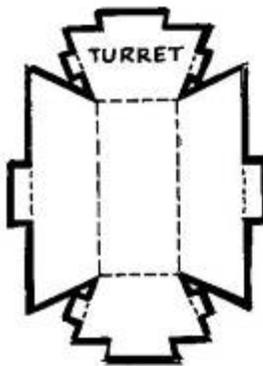
PAINT-UP WITH COLOURS



your own **TANK**



TRACE THESE PARTS ON CONSTRUCTION PAPER. GLUE TOGETHER AND MOUNT ON THREADSPOOL.

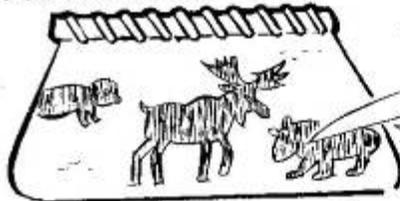


BAWK



CRAFT

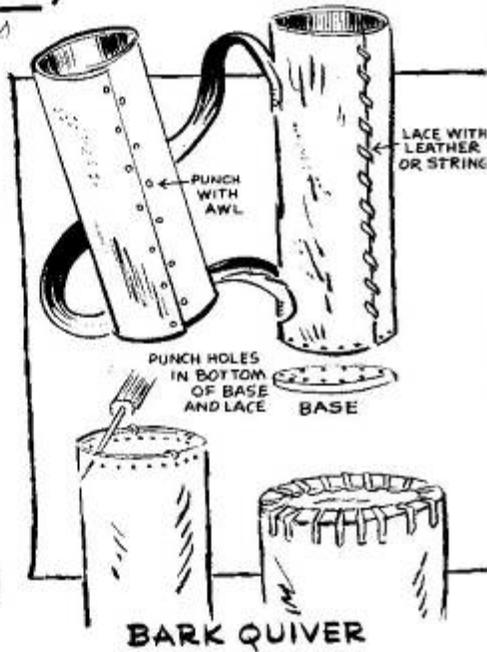
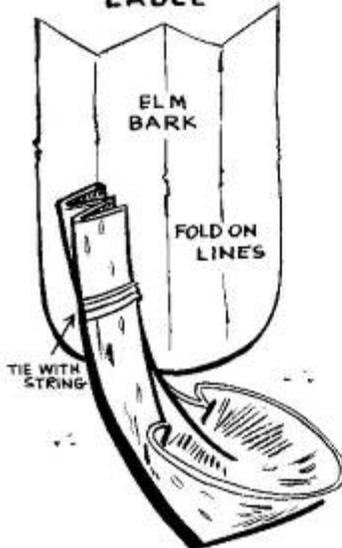
DRAW DESIGN ON
DARK INNER BARK



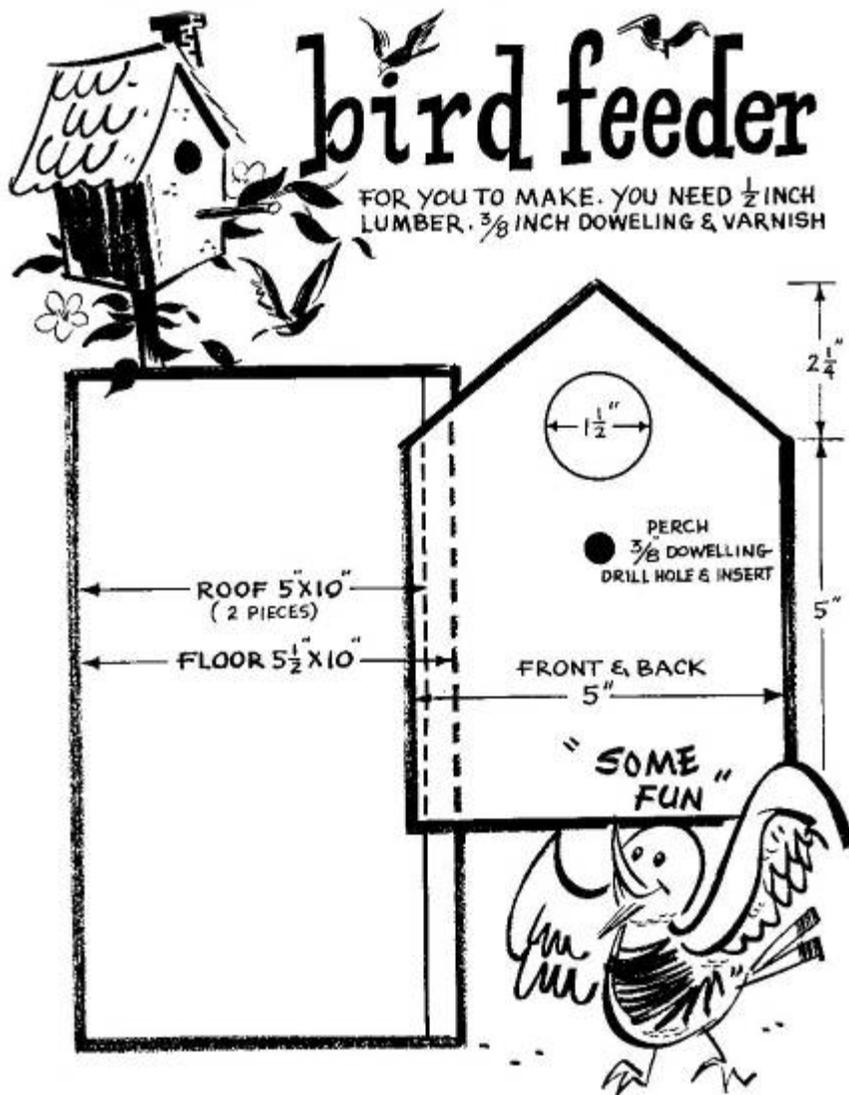
SCRAPE AWAY
AROUND DESIGN



IROQUOIS BARK LADLE



BARK QUIVER



Puzzles

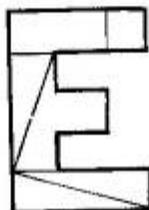


CUT LETTERS FROM PLYWOOD WITH COPING SAW
THEN CUT INTO PIECES AS SHOWN

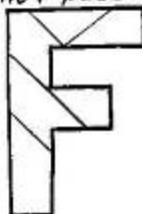
the "B" puzzle



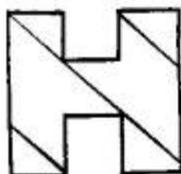
the "E" puzzle



the "F" puzzle



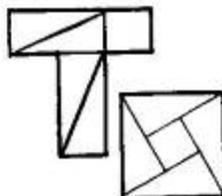
the "H" puzzle



the "G" puzzle



the "T" or square



1. GET BLOCK 2X2X6 INCHES

2. CUT 2 WAVY LINES TO DOTTED LINES

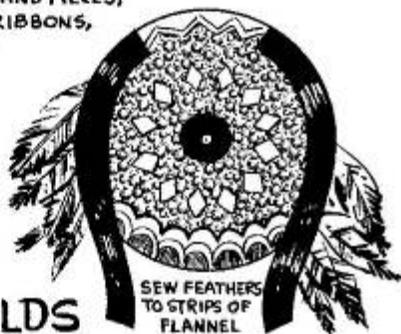
3. TURN OVER CUT 2 MORE WAVY LINES

4. CUT OFF LAST 2 INCHES

5. TRY TO PUT PUZZLE TOGETHER AGAIN

INDIAN

SHIELDS SHOULD BE MADE FROM COLOURFUL BITS AND PIECES, FEATHERS, RIBBONS, ETC.



A GOOD SHIELD CAN BE MADE FROM THE TOP OF PEACH BASKET COVERED WITH LIGHT CANVAS

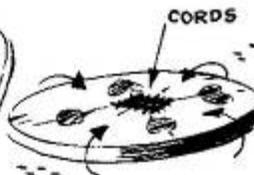
SHIELDS

SEW FEATHERS TO STRIPS OF FLANNEL



LAY THE PEACH BASKET TOP ON A PIECE OF CANVAS, CUT AS SHOWN FOLD OVER & CEMENT TO WOOD PULL TIGHT WITH CORDS—LET DRY

CLOTH OR CANVAS LOOPS FOR ARM AND HAND



CRAFT

DRUMS TO MAKE

COTTON-FILLED CLOTH HEAD



TWO CHEESE BOX TOPS
MAKE SMALL TOM-TOMS
CEMENT TOPS TOGETHER



STRING-BINDING
STICK



OPEN

OPEN

A NUMBER 10 TIN CAN MAKES
A FINE DRUM
COVER WITH CLOTH



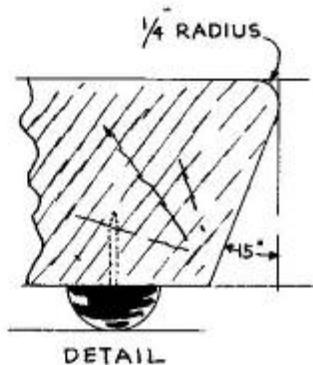
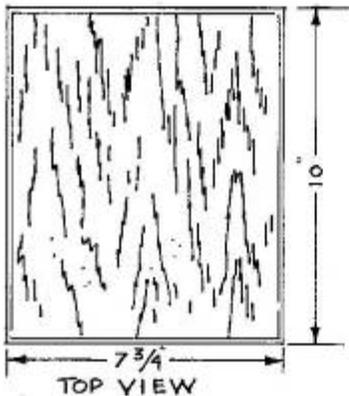
COVER WITH CANVAS
STRETCH TIGHT

LACING



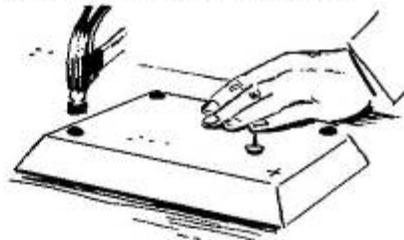
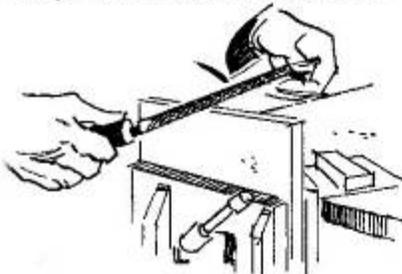


CHOPPING BLOCK



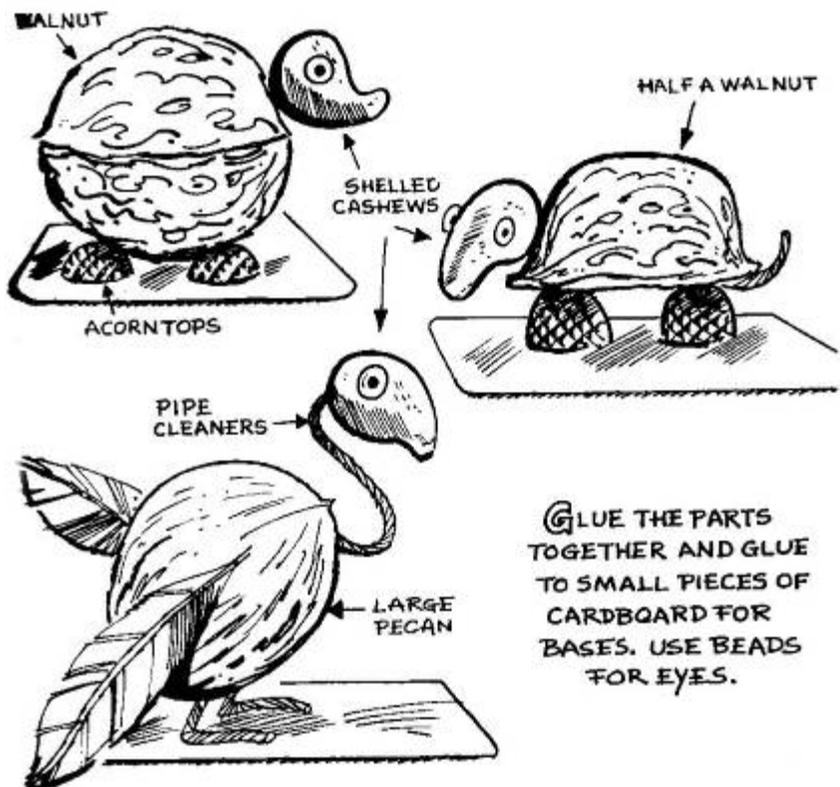
CUT THE $1\frac{3}{8}$ HARDWOOD BLOCK TO SIZE; BEVEL SIDES, ROUND EDGES, SAND

DRILL TINY HOLES FOR RUBBER TACK BUMPERS, THEN TAP INTO PLACE. APPLY 2 COATS OF SALAD OIL

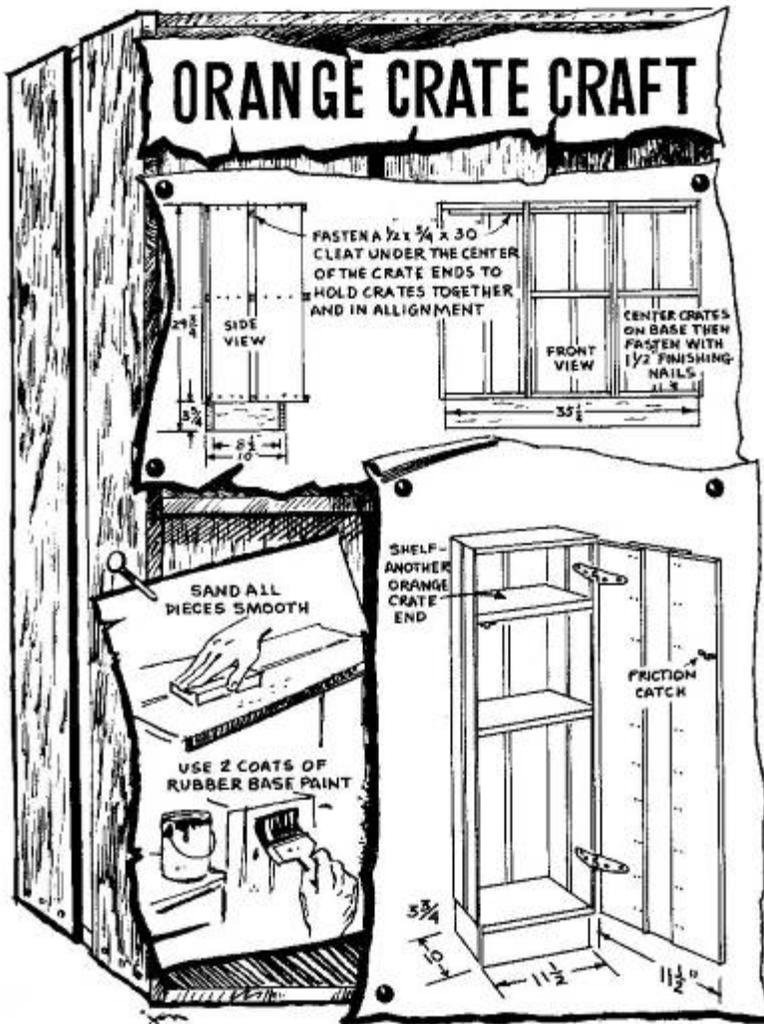


NUTS!

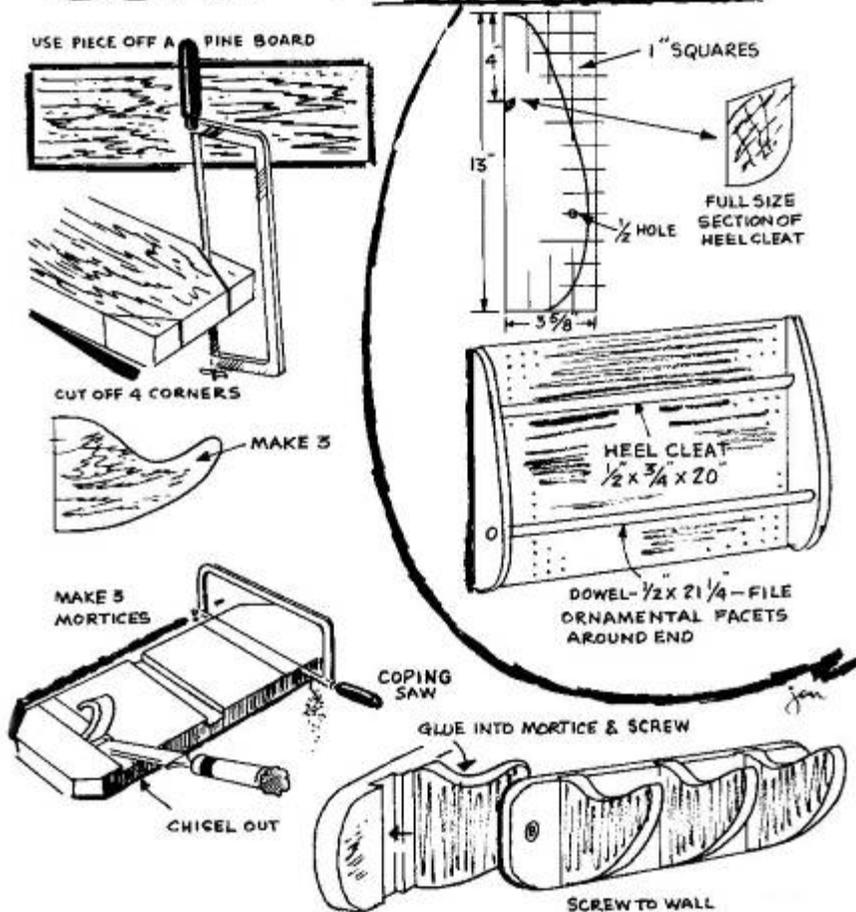
YOU CAN HAVE LOTS OF FUN WITH NUTS.
DREAM UP AS MANY STRANGE & WIERD
ANIMALS AND BIRDS AS YOU CAN.



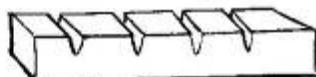
GLUE THE PARTS
TOGETHER AND GLUE
TO SMALL PIECES OF
CARDBOARD FOR
BASES. USE BEADS
FOR EYES.



SHOE & COAT rack



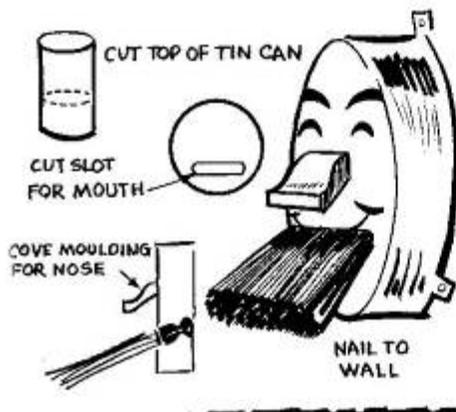
OTHER fun'n stuff!



KNIFE RACK - A CIGAR BOX
INSERT CROSSBAR WITH SLITS

OLD MAN WHISKERS

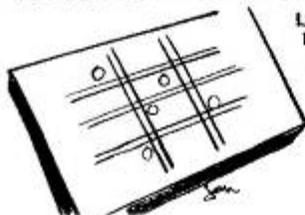
A PLACE FOR THE DEN WHISK BROOM



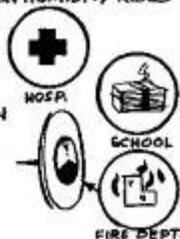
BAR-O-METER

CUT ANIMAL OUT OF BLOTTING PAPER. SOAK IN THIS SOLUTION: 4 OZ. WATER; 1 OZ. COMMON SALT; 75 GRAINS CALCIUM CHLORIDE; 1/4 OZ. GUM ARABIC. DRY IN SUN GLUE TO CARDBOARD OR PLYWOOD - TURNS BLUE IN FAIR WEATHER AND LAVENDER WHEN HUMIDITY RISES

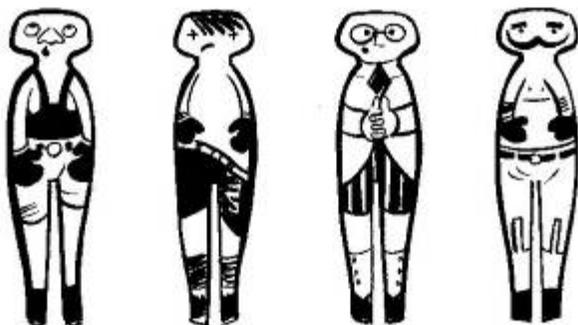
NEIGHBOURHOOD MAP



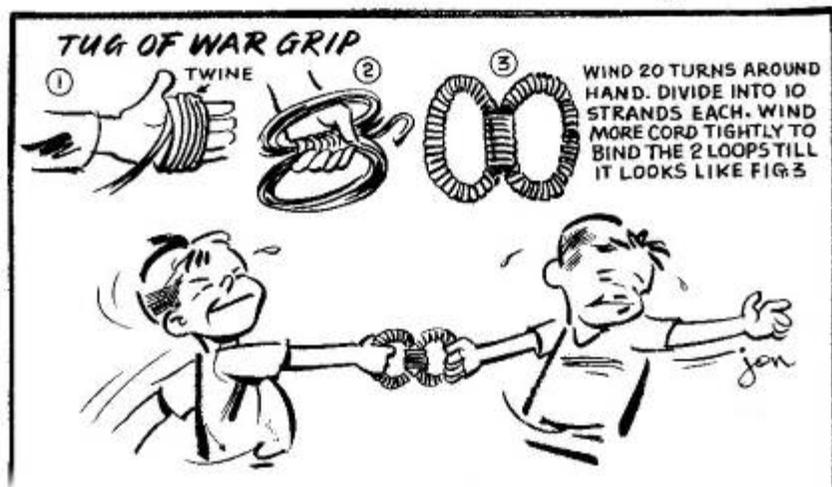
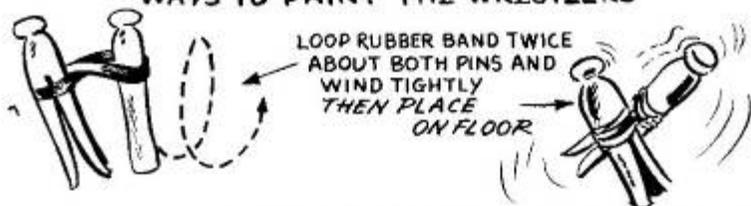
LOCATE PUBLIC UTILITIES ETC. ON HOME TOWN MAP PAINT SYMBOL FOR EACH GLUE ON TOP OF PLAIN CIRCLE WITH THUMB TACK THROUGH IT.

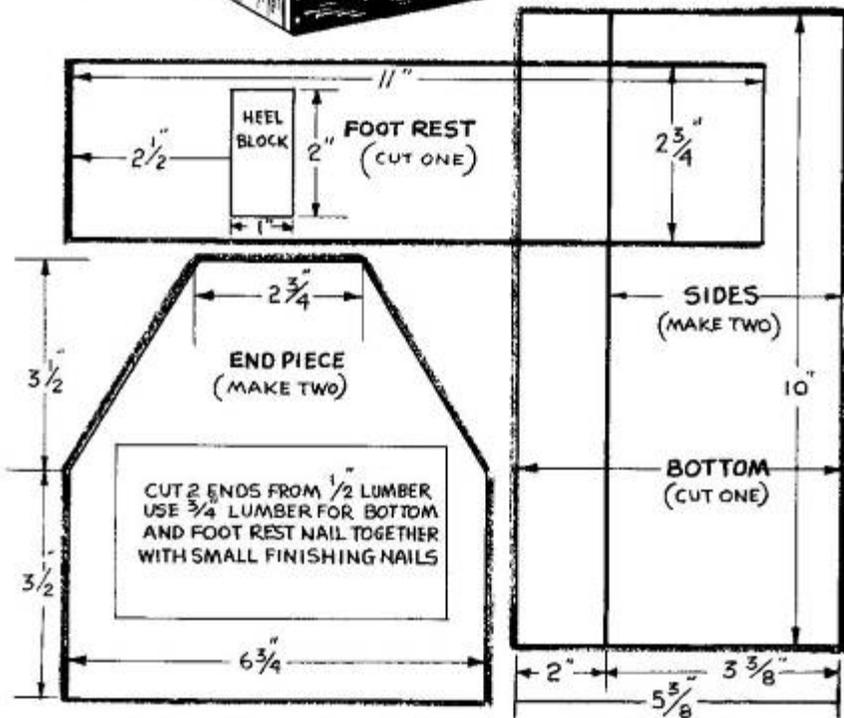


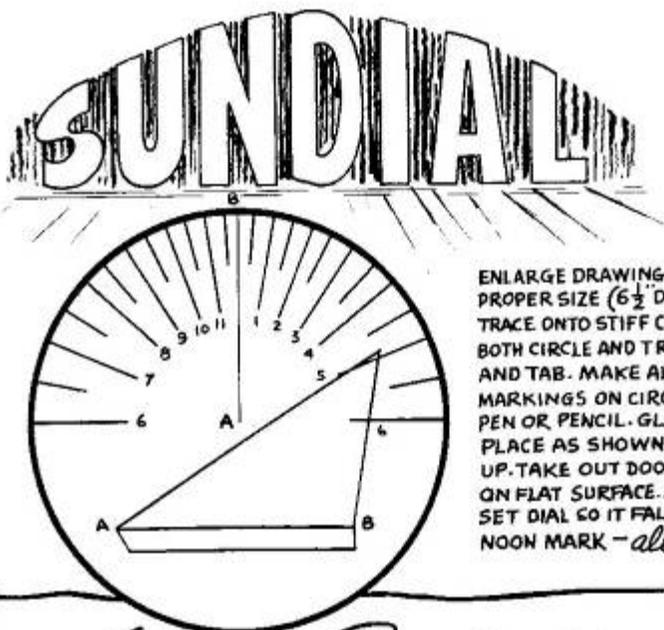
THE WRESTLERS



WAYS TO PAINT THE WRESTLERS

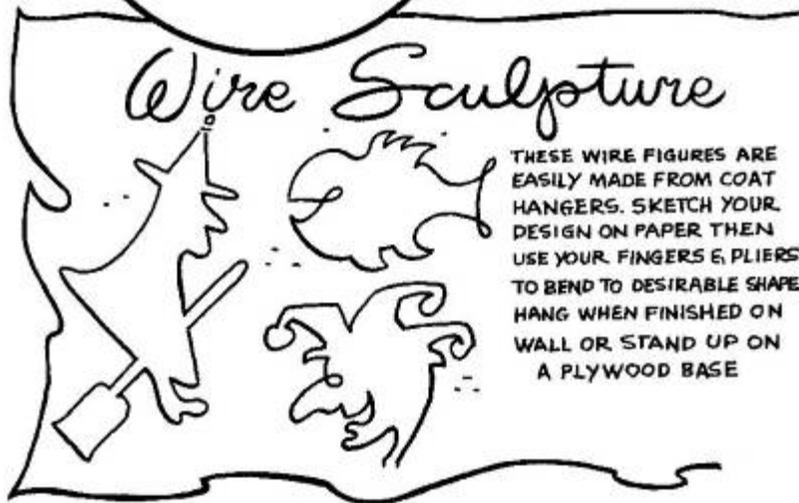






ENLARGE DRAWING TO THE PROPER SIZE ($6\frac{1}{2}$ " DIA.) AND TRACE ONTO STIFF CARDBOARD BOTH CIRCLE AND TRIANGLE AND TAB. MAKE ALL THE MARKINGS ON CIRCLE WITH PEN OR PENCIL. GLUE TAB IN PLACE AS SHOWN & FOLD UP. TAKE OUT DOORS & SET ON FLAT SURFACE. AT 12 NOON SET DIAL SO IT FALLS ACROSS NOON MARK - *all set!*

Wire Sculpture



THESE WIRE FIGURES ARE EASILY MADE FROM COAT HANGERS. SKETCH YOUR DESIGN ON PAPER THEN USE YOUR FINGERS & PLIERS TO BEND TO DESIRABLE SHAPE HANG WHEN FINISHED ON WALL OR STAND UP ON A PLYWOOD BASE

USEFUL SCRAP MATERIAL

Collect and check with your Scouters, parents and pals about useful items that you can make from the following scrap material.

Old Felt Hat	Old Greeting Cards
Corrugated Carton	Feathers
Gallon Tin Can	Buttons
Coffee Can	Shirt Cardboards
Cardboard Tubes	Candy Boxes
Salt or Oatmeal Box	Paper Plates
Vegetable Can	Wooden Clothespins
Corks	Marbles
Milk Carton	Wire Coat Hangers
Egg Box	Old Road Maps
Quart or Pint Ice Cream Container	Scraps of Material
Paper Bags	Match Boxes
Seed Catalogues	Plastic Cheese Boxes
Spools	Old Toothbrushes
Hat Box	Broomsticks
Shoe Box	Fruit Jars
Wallpaper	Rubber Jar Rings
Magazines	Bottle Caps
Newspapers	Unusual Shells and Pebbles
	Old Calendars