

CRAFTSMAN

- The key to this badge is to start working on this as 1st year Webelos and make things throughout the Webelos program to fulfill the requirements of this badge. Incorporate things from other badges to be used towards requirements of this badge.
- Examples for requirements #1 & 2 are: Wooden bug cage (Naturalist), Pinewood Derby car, Geology sifting frame and display board for rock samples, Knot Board (Outdoorsman), Wooden Bridges (Engineer), Flag stand (Citizen)
- Have the boys make a display stand for their Pinewood Derby cars.
- Have the boys make a display board for the Arrow of Light.
- Home Depot has classes for children once a month (Saturday). They're FREE!!!
- Give each scout a tape measure and have them measure selected items in the room.

Finishing Small Wood Projects

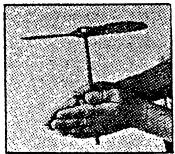
- Gloss finishes in five minutes: Sandpaper the wood and color it with liquid shoe polish or alcohol base stains, then brush on two coats of white glue, leaving first coat to dry.
- Sanding wood: sand all surfaces smooth, round off all edges. Use medium #80 grit paper.
- Filling holes: use plastic wood or water putty.
- Sealing new wood: all new wood must be treated with a sealer (If you are using stain, stain first). Lacquer sanding sealer is a good quick finish. You can also use white glue as a sealer. Thin the white glue (if needed) with water and brush on two coats (allow 1st coat to dry).
- Coloring wood: Use anything from colored berries to colored waxes, rub-n-buff finishes, acrylic paint, water color, enamels, or cover the wood in many different ways. Perhaps with wallpaper, patterned cloth, leather, or anything found in nature such as crushed colored rock, sand painting, pinecones, gold leafing, mosaics with seeds.

Other Finishes

- Enamel Finishes: seal, light sanding, then with enamel paints, brush on for a glossy finish.
- Stain Finishes: liquid shoe polish or alcohol base stains, not oil base stains (they take drying time). Seal, then finish with the new plastic varnishes.

Resources:

- S&S Arts b Crafts 1-800-243-9232
- Tandy Leather 281-521-0477
- Local hardware and lumber stores



FLYING MACHINE

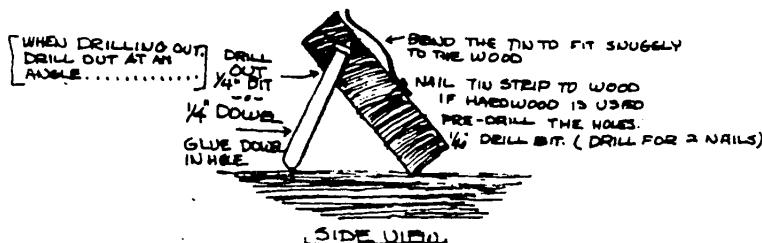
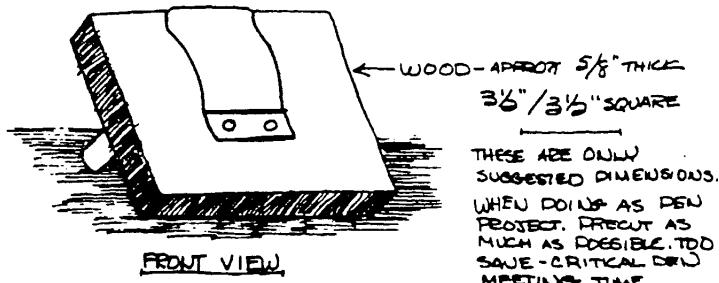
Get an airplane model propeller from a hobby shop. Cut a wooden dowel rod 1/2 inch longer than the prop. If the propeller hole is smaller than the diameter of the dowel, rebores the prop halfway through. Glue the dowel into the hole and let dry thoroughly. Hold dowel between hands and twirl. Let fly!

PENCIL HOLDER

Have the boys sand smooth an 8" pie of 2 x 4. Mark the long narrow edge into 8 equal spaces. Under your careful supervision, let the boys drill a 3/8" hole in the middle of each dividing line. Use a wood burner or paint to decorate.



RECIPE HOLDER

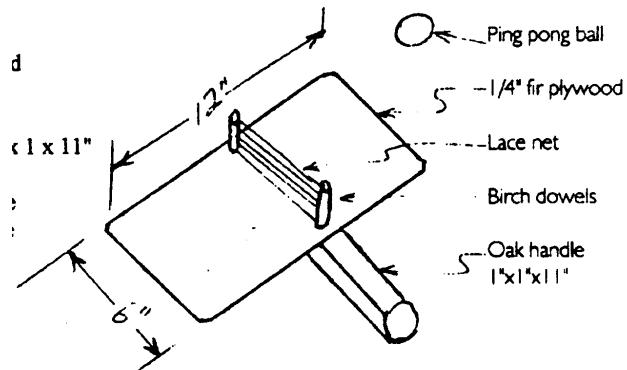


Solo Ping Pong

This is a combination of a craftsman project, wood sample collection for forester, and a game the boys will really like. An interesting way to do it is, when the boys finish the project, let them practice in den meeting, then in pack meeting let them challenge their dads to a game. They'll beat the sox off the old man.

Materials:

- Ping pong ball
- 1/4" fir plywood 6"x12"
- Lace net
- Birch dowels
- Oak handle 1"x1"x11"
- Optional: labels may be placed, one on each side of the back of the paddle:



Wood Samples

Handle: Oak, grows abundantly in the hardwood forests in the Eastern United States. Open grain, hard and strong.

Paddle: Douglas Fir plywood grows abundantly in the Pacific Northwest. A soft wood with fair strength and is relatively inexpensive. There is conflict between environmentalists and the logging industry because forests in the Pacific Northwest are habitats for the Northern Spotted Owl.

Posts: Birch, a hardwood that grows in the hardwood forests in the Eastern U. S. It is strong and close grained. It takes glue well and ideal for dowels.

Solo Ping Pong

The game for the athlete who is so good that it is hard to find anyone good enough to be a challenge to play with. Bounce the ball back and forth over the net, counting the number of bounces - then challenge your dad to get half as many bounces as you can.

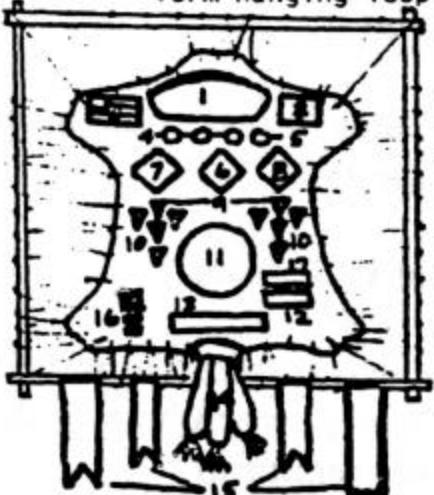
TROPHY SKIN

Trace pattern on leather of choice.
(suede, split hide, etc.)

Cut out and
punch holes

Tie to all
corners of
frame with
4 pieces
of lace

Continuous
lace all
around,
beginning
and ending at
top center hole,
leaving 6" ends to
form hanging loop



Frame: 3/8" dowels

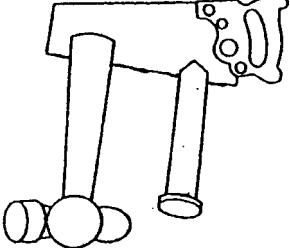
Cut 4, each 13" long

Notch each end
and stain,
varnish,
and lash
corners
together



- 1 Council Patch
- 2 Pack Numerals
- 3 Flag Patch
- 4 Service Stars
- 5 Summertime Pin
- 6 Bobcat Badge
- 7 Wolf Badge
- 8 Bear Badge
- 9 Gold Arrow Points
- 10 Silver Arrow Points
- 12 Arrow of Light
- 13 Cub Scout strip
- 14 Webelos Badge Colors
- 15 Ribbons (derby, olympics, etc.)
- 16 Attendance Pin (performance award)
- 17 Den Numeral

3/32" ROUND PUNCH



Tools Slide

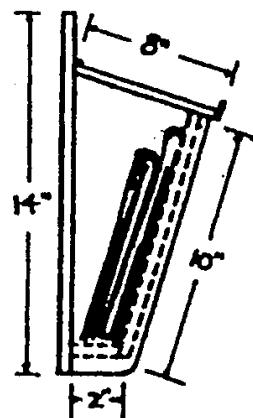
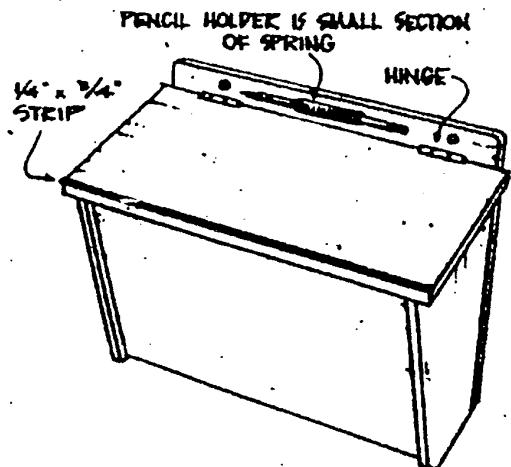
Materials:

- Art foam
- Tulip paint
- Pipe cleaner
- Glue

Cut different kinds of tools out of art foam Glue together and paint on details. Glue pipe cleaner on back.

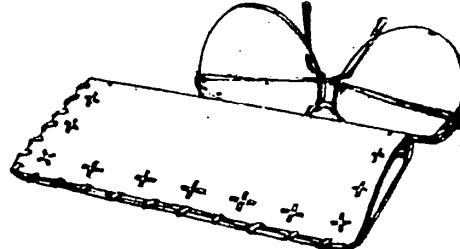
Wall Desk

An excellent item to hang under a wall telephone for phone book and notebook. Cut from $\frac{1}{2}$ inch pine and assemble with nails and glue. Shellac, paint or stain, and decorate as desired.



Leather Eyeglass Case

Measure eyeglasses and cut leather (a piece approximately 6"X6") so glasses fit easily when case is folded. Fold leather and punch holes for lacing using the running stitch. Cut simple design into head of a large nail with a file; then file off nail point. Dampen leather and use small hammer to tap the design on.



Toothpick Castle Building

Give each boy ten flat toothpicks. Boys take turns placing one toothpick on top of an open soda bottle. The boy whose toothpick causes the "castle" to fall gives his remaining toothpicks to the boy behind him. The one with the most toothpicks at the end wins.

Desk Organizer

Materials:

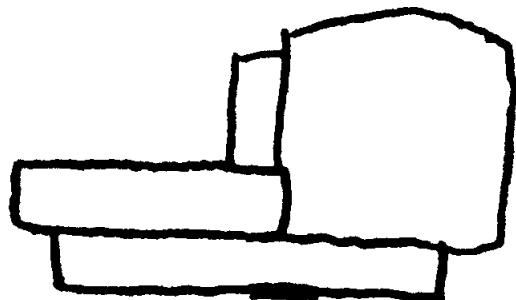
Tin cans - tuna can, juice concentrate can, soup can

4"X4" block of wood 3 wood screws

Nail punch Spray paint

Screwdriver Hammer

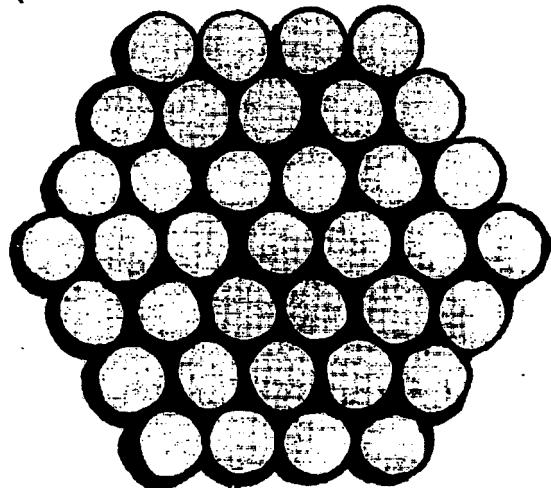
Punch a hole in the center of each can bottom. Arrange on block of wood and mark the center hole on the wood. Punch a starter hole on the marks and screw cans to wood. Outside of cans can be painted and block of wood may be painted or stained.



Wooden Trivet

Materials: 1 dowel, 4' long, 1" diameter
Table saw
Sandpaper
Waxed paper
Carpenter's glue
Felt, 6"X6"

Cut the dowel into slices about 1 %" thick, using the table saw. Sand any rough edges. Lay a piece of waxed paper on the working surface. It can be easily removed from the trivet after the glue has dried. Begin gluing the slices together as shown in the picture. When glue has dried, pull away waxed paper and cut the felt piece to fit the back of the trivet. Glue in place.



Closing Thought

I hold in my hand a pocketknife. This is a valuable tool because it can be used for many useful things. It is a dependable tool as long as the blade is kept sharp and free from rust, and the working parts are in good condition. If it is neglected and becomes dull and rusty, it will become dangerous.

The same principle applies to us, as well. We have a body, which must be kept in good condition in order to work well. If we fail to take care of ourselves, we become rusty and dull just like a neglected knife. Do your best to keep fit and healthy this week.

