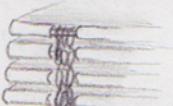


WIRE EDGE BINDINGS



10:00AM

DANIEL KELM'S WORKSHOP COLD MOUNTAIN BINDERY

12-10-11

Tori	Cindy	me
B.L.G.		
John	Mae	

mfa	encore	FA
		tony w.

Daniel uses a dry mount film.
PVA/Poly Ethylene.

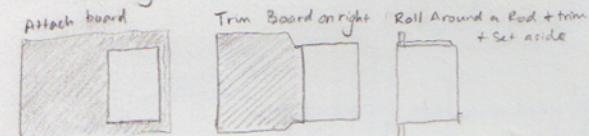
(Steam setting on an iron is 220° So just below
the steam setting will do for the film)

You can roll out PVA on your material, let it dry, then reactivate with heat.

Codex Book

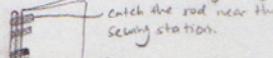
Covers 6 pieces of museum board for the book. (1 for template, 1 for model)

Start by tacking the paper to film, then run through the press.

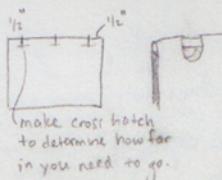


Make a template for hole pattern.
It's good to have at least 3 stations.

You can add a rod outside large single sheets.



Sew in between those catches.



Cut enough to reveal the
rod plus room for the
thread.

✗ When cutting on the
edge with a screw punch,
angle the tool so it stays in
the material.

Create a burr on your rod in between the sewing stations.

Place rod against the board, bring paper around in place.

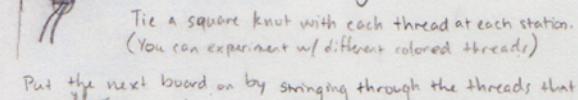
Cover with release paper + tack along the rod.

Put in the dry mount press to fully adhere.

Sewing / Knotting:

Uses braided silk (surgical) #1

2 threads per station, and loop them through each hole and pull halfway through.



Tie a square knot with each thread at each station.
(You can experiment w/ different colored threads.)

Put the next board on by swinging through the threads that
lay to the inside.

Then tie the next set of square knots, making
sure your threads don't twist around each other.

For the last board, don't flip it over and
thread the other threads and finish.

Krazy Gluing your tails:

Sinch the knot tight, apply glue with a toothpick twice. Then trim the tails
after about 10 minutes. Use an exacto blade facing up to trim close to the knot.



9:00 AM

Accordion - Tetrahedron

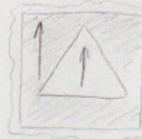
Cut core board into equilateral triangles and attach to (adhesive) paper

The thin wire we are using is about the same weight as the board... just a little bit
thinner.

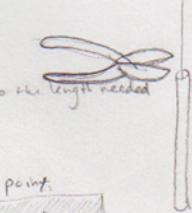
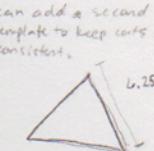
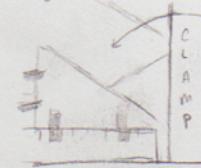
Make 6 sets of boards

To make the equilateral Δ w/ board shear,
Tape down ruler, then 30° side Δ

Lay a board down to the Δ and cut.
Rotate to finish the piece.



nice for this paper to be thin.



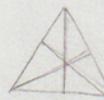
Maintain parallel grain as much as possible.

Wires should be cut to just under 6.25"

Create a jig to make cutting the wire faster. You can use a tube jig cut to the length needed
and snap with wire cutter!
Cut 8 pieces.

With one board, draw the perpendicular bisector to find the center point.

Attach the board at the upper middle of the paper.
Should be about a $\frac{1}{2}$ " from the top.



Trim the paper for wrapping around the core board.
Use the 30° angle of the triangle and extend it about
 $\frac{1}{2}$ " beyond the core board. Trim each edge.

Cut w/ a 90° to trim the excess twin material.
Layout the pieces in the way that you will want it to lay finished.

Designate with a "W" where you want your
wire edge to go.

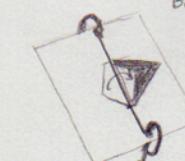
Where there isn't a wire, wrap the paper and
tac down but not where the pencil lines are.
Then cut the paper along the pencil lines with
a straight edge. Do the next non-wire sides.

Wire Edge Folds:

Use a jig to determine the fold over dimension.

Bone down the paper to create the channel. Using the jig from the
codex book, turn the board (flap down) and punch the holes.

Clean up the leftover corners w/ scissors.
Put your wire in place and tac down. Trim the flap to your
guidelines. Do this for every panel.
Press all your panels.



Line up the lining paper on the panel.
make sure the grain is running parallel on both
pieces. Tac in place & press. Do both sides.



Knotting:
place boards
side by side

Pull the slack out of the figure eights,
then tie a square knot on that side, then flip the
boards over and tie another square knot.

Trim the tails somewhat longer (about 2") Repeat on middle & end.
Glue your knots on both sides, then trim.

