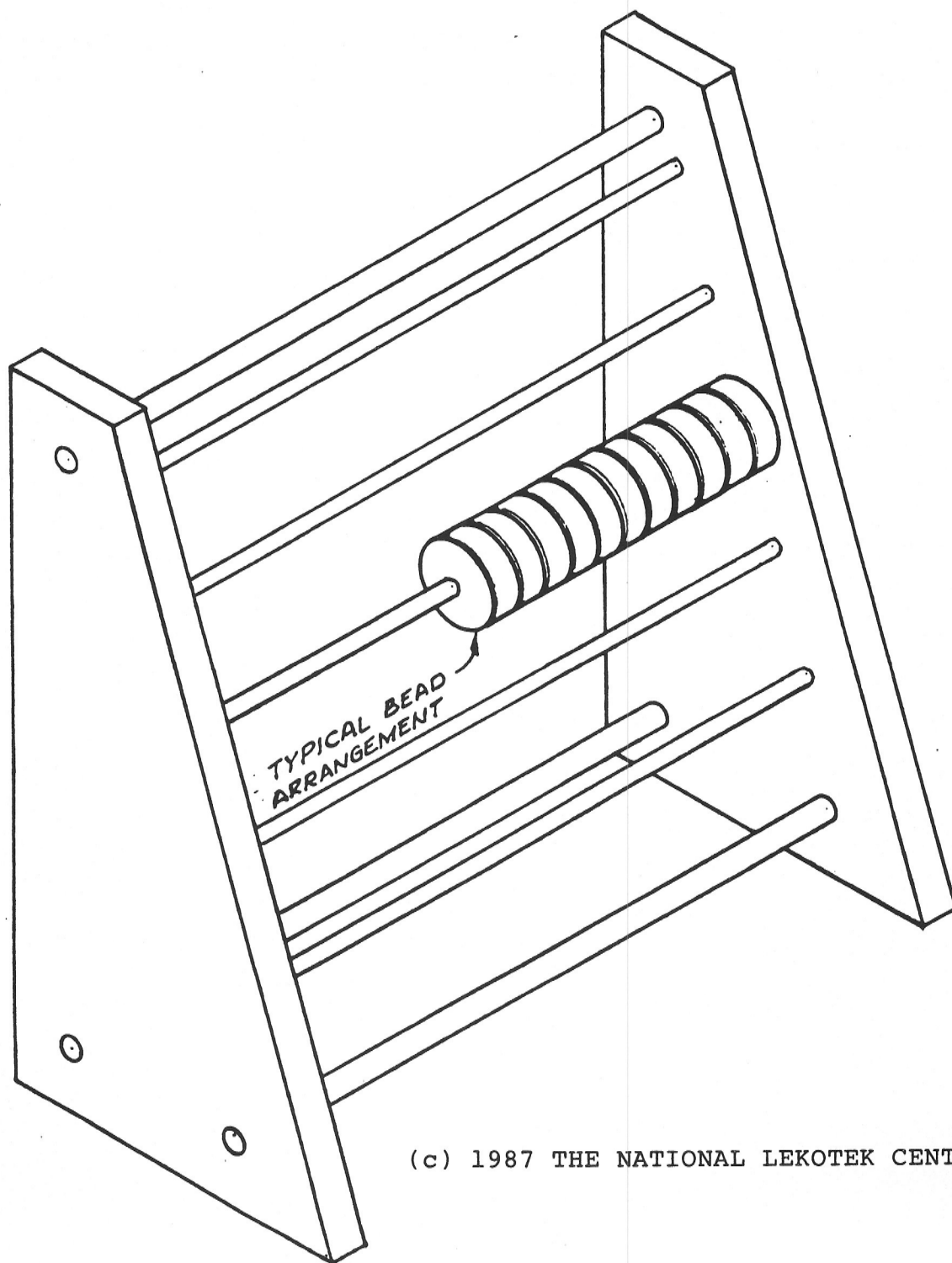


BEAD COUNTER

Although this is a wonderful bead counter for older children, this colorful toy can be effectively used with younger children. The larger beads permit slam-bang action with hands and with feet.



BEAD COUNTER

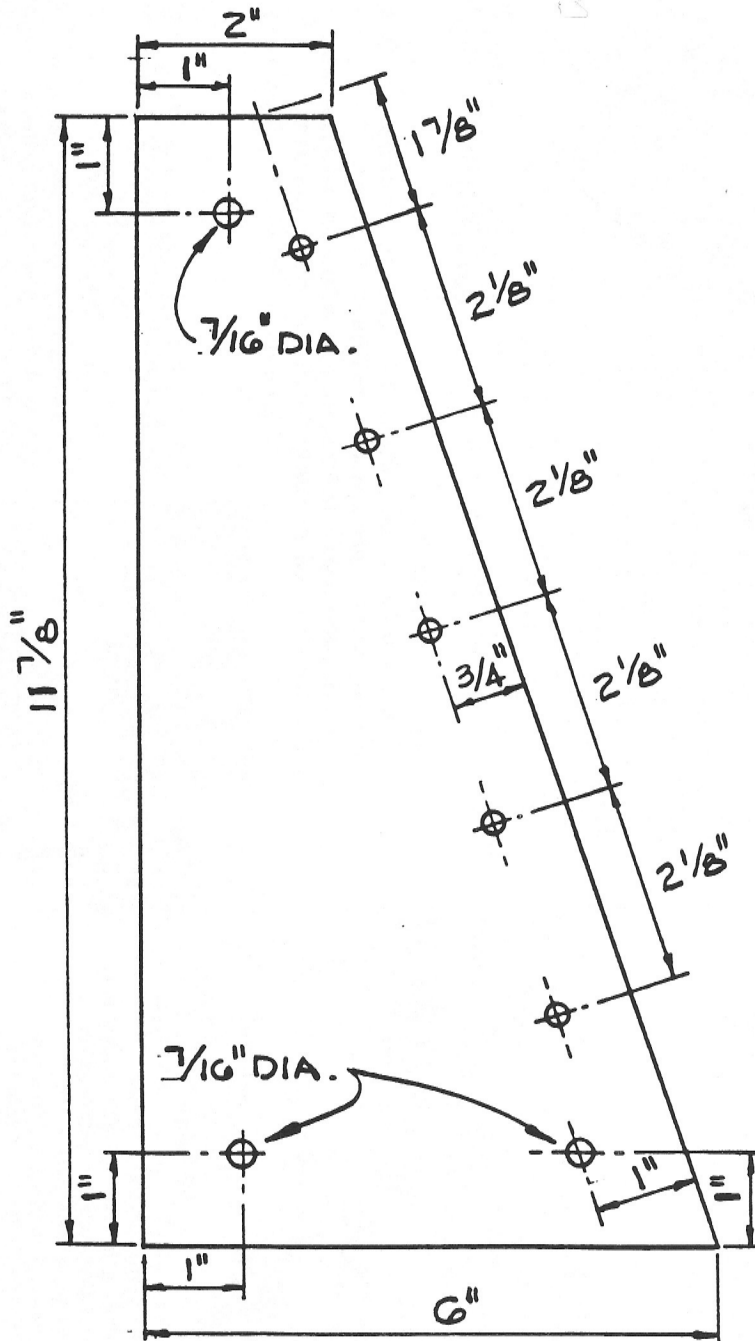
Materials needed to make six counters;

- 300 (two gross plus 1 dozen) wheels: $1\frac{1}{2}$ " diameter
- 18 pieces dowel: $\frac{7}{16}$ " x $11-\frac{7}{8}$ "
- 30 pieces dowel: $\frac{5}{16}$ " x $11-\frac{3}{8}$ "
- 6 pieces birch plywood: $6-\frac{1}{8}$ " x $11-\frac{7}{8}$ " x $\frac{3}{8}$ ";
cut to size as shown on drawing
- Varathane or equivalent gloss varnish
- Varathane or equivalent enamel in five bright colors
- Elmer's Carpenter Glue

Tools needed:

- Table saw
- Sander
- Drill press
- Set of drills
- Ruler
- Brush
- Sandpaper

BEAD COUNTER



5/8" PLYWOOD, BIRCH
PREFERRED BUT FIR
WELL SANDED WILL
DO NICELY.

7/16" DIA. HOLE
DRILLED THROUGH
5/16" DIA. x 3/8" DEEP
HOLES. THESE HOLES
ARE TO BE DRILLED
ON FACING SIDES.

SAND WELL OVERALL
AFTER DRILLING
HOLES.

DOWELS

For each counter,
cut three pieces
7/16" diameter x
11-7/8", and five
pieces 5/16" diameter
x 11-3/8". Glue
in place in one side,
place 10 beads of
one color on each
5/16" dowel; then
glue in place on the
other side.

BEADS

Wooden wheels have been found to be very well suited for making bead counters. To make 6 counters, order 2 gross plus 1 dozen wheels of 1 1/2" diameter from Leichtung, Inc. (see following two pages). Enlarge the 1/4" axle holes to 11/32". Spray-paint in five bright colors by spacing 50 wheels at a time on a piece of double-faced carton board 15 inches square. When dry, spray with clear varnish (Varathane or equivalent). When the varnish is dry, turn the wheels over; paint and varnish the other side.