

How to make an Egyptian *Snb*!

Materials:

- Card Stock (with silver or gold metallic on one side)
- Potable (food-grade) rigid vinyl tubing (7/8" – 1" OD)
- *Snb* bell template (download on teacher resources/special projects page)
- Medium tip permanent markers
- Duct tape (silver or gold)
- Glue stick & scotch tape

Tools:

- Scissors
- Coping saw
- Deburring tool
- Fine sandpaper



(deburring tool)

I. Tube preparation

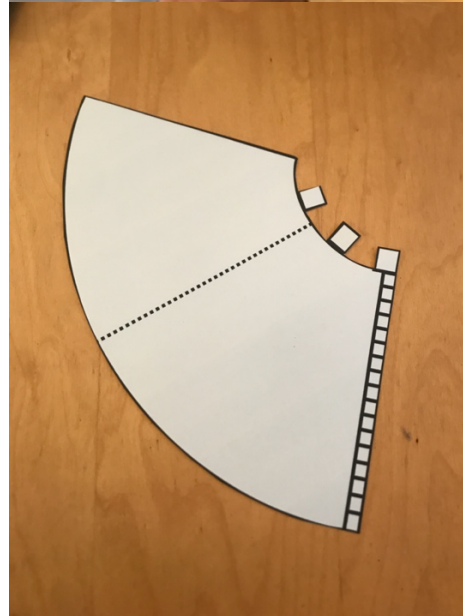
Cut tubing to lengths of 20"-23" with a coping saw. Using the sharp edge of a pair of scissors, or a deburring tool, remove all sharp edges and debris on both the inner and outer edges at both ends.

Decide which end to blow into and mark. Use sandpaper to make both the inner and outer edges smooth for the lips, wiping off any remaining plastic residue with a sponge or cloth and warm soapy water.

II. Bell Template

Option A: Print template directly on underside of 8.5 x 11" colored cardstock sheets and have students cut them out.

Option B: Print a template on plain cardstock and cut out. Pass the template around for students to trace, and cut out. Using a ruler, have them draw tabs (copying from the template) on one side of the seam.





The Scene on the Bell of the Copper or Bronze Trumpet
Persepolis, Iran, 5th Century

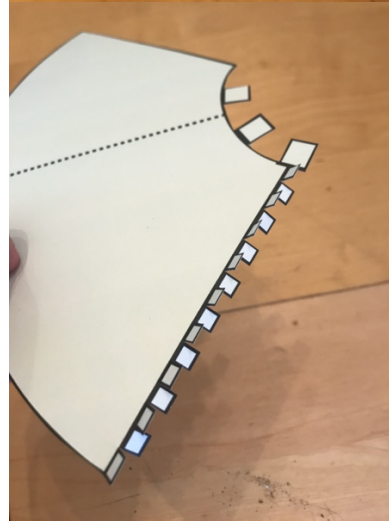
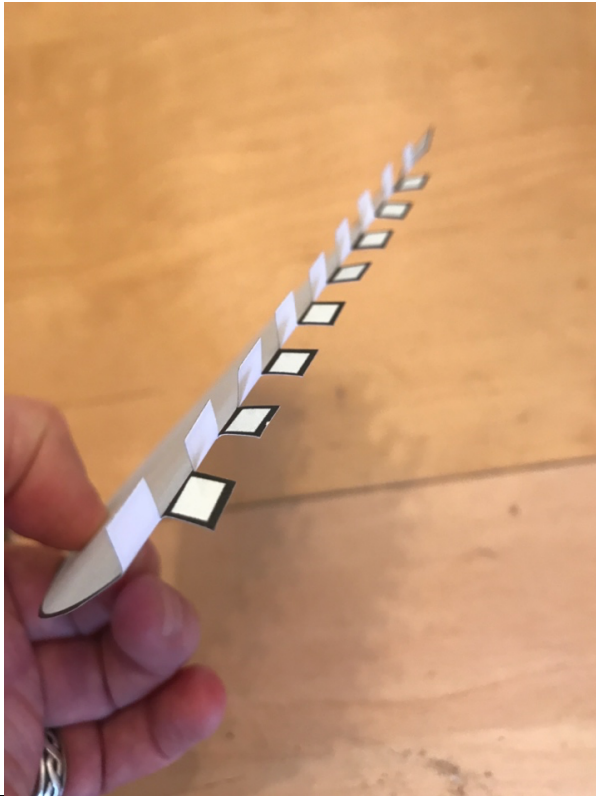
PLATE XI

III. Decorate the Bell

Have students decorate the colored side of the card stock with line drawings, first using pencil, and then tracing with permanent markers. (See teacher resources/ supplementary materials/ chapter 5 for examples)

IV. Prepare the tab seam

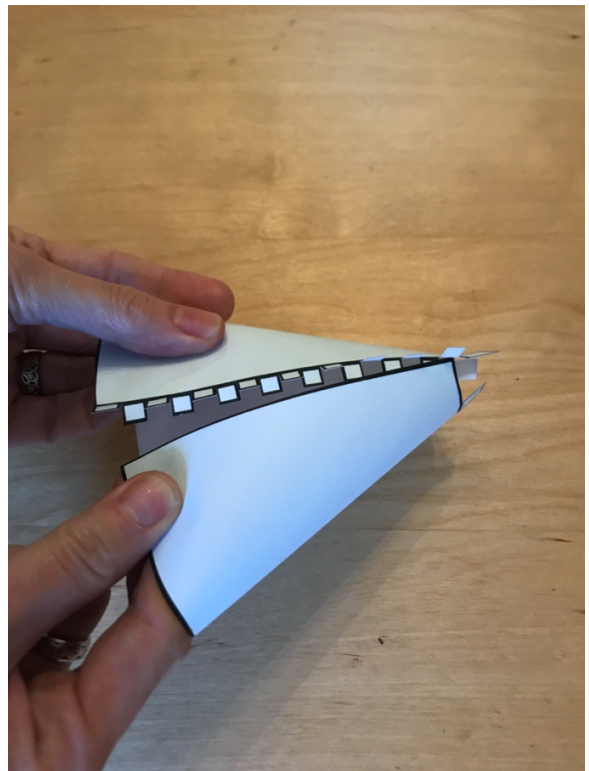
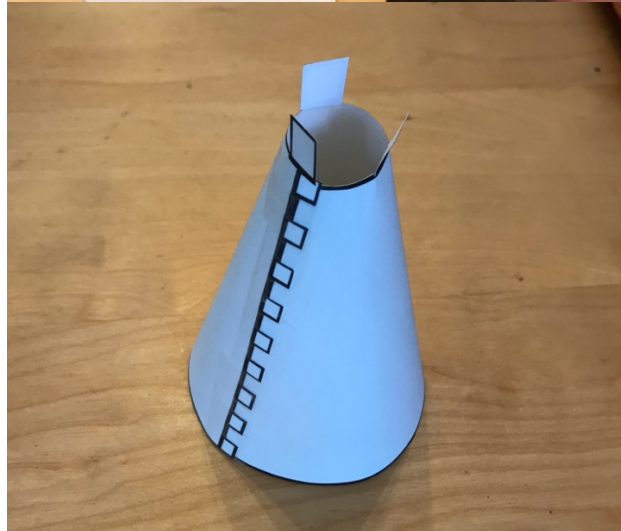
Cut tabs and bend them, alternating inside and outside along the seam in the shape of a "v."





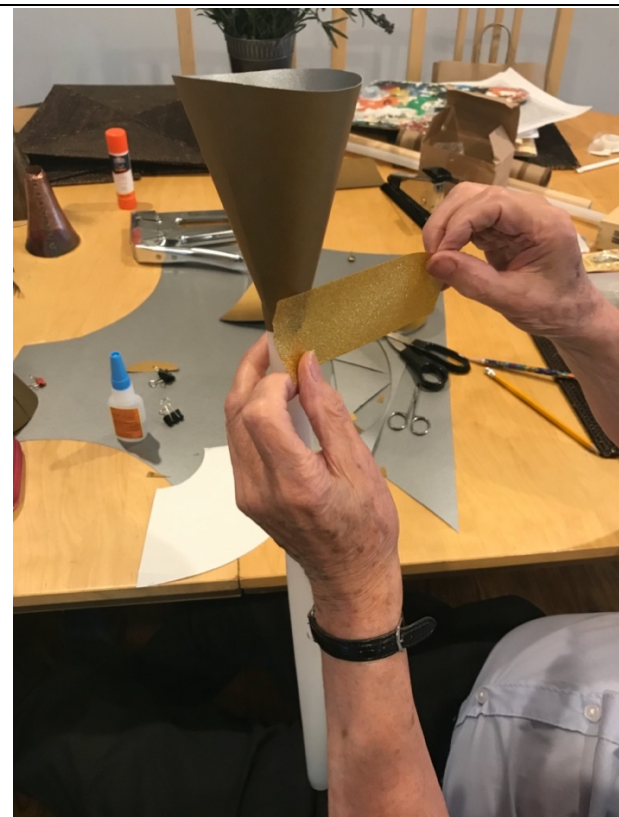
V. Form and glue the bell

Apply glue to the straight end of seam, both inside and outside, and then fold template into a cone, alternating position of tabs inside and outside the cone. Press the tabs into the glue once the seam is in the correct position, and apply scotch tape along the seam to hold in place while drying.



VI. Attach the bell to the tube

Bend tabs outward on the small end of the cone, apply glue to the inside of the tabs, and affix to end of the tube.



VII. Reinforce the tube/bell seam

Wrap duct tape around the tabs to reinforce the seam. (if necessary, cut tape to width of no more than 1")



How many notes can you play on your
Egyptian Snb?



(DIY Snb beside a replica of the original made by Dr. Peter Holmes)