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Cheat Sheet for Making Museum Storage Boxes

Tools

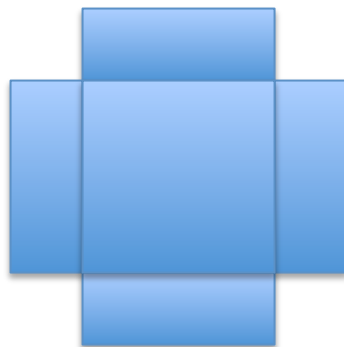
- Break Off Knife
- Awl
- Metal Ruler
- Triangle (Optional)
- Bone Folder
- Pencil
- Cutting Mat

Materials

- B-Flute Corrugated Board
- Cotton Twill Tape

Steps

1. Determine size of box base and height of the walls
2. Cut a piece of B-Flute that is the dimensions of the base plus twice the wall height. (Example: For a box that is going to be 8" square at the base and 4" high, cut a piece of board that is $8" + 4" + 4"$) A triangle will help you keep your corners square.
3. Mark all four corners with squares the height of your walls. Again, your triangle will help you keep things square.
4. Cut out the squares from your corners. You will have a shape that looks like this:



5. Use a bone folder to crease the sides of your box. Be careful not to tear the B-Flute.
6. About 2" from the top and about $\frac{1}{2}$ " from the side, use an awl to create a hole in each side of the box.

7. Thread twill tape through the adjacent holes and tie in a square knot (right over left, then left over right).
8. Trim the ends of the twill tape.
9. You can make a lid for the box the same way. Just measure the length and width of your box and add 1/8" to that measurement for the base.

Dividers

1. Measure the length, width and height of the interior of your box, and subtract 1/8" from each measurement.
2. Cut one piece of B-Flute that is $L - 1/8'' \times H - 1/8''$ and one piece that is $W - 1/8'' \times H - 1/8''$.
3. Mark the center point of each piece.
4. Cut a 1/8" wide slit in each piece at the center, and going more than halfway across the board. Your pieces should look like this:



5. Slot the pieces together and insert into box.