

BOOK ART STUDIO HANDBOOK

Q U A R R Y



TECHNIQUES AND METHODS FOR BINDING BOOKS, CREATING
ALBUMS, MAKING BOXES AND ENCLOSURES, AND MORE

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Woven STUDIO PROJECT Album

This book looks like it is put together with mysterious weaving. Here the secret is revealed: It is a modified Jacob's ladder. It opens flat and can accommodate any number of leaves. The weaving is the compensation for the added items so that the book remains flat when filled.

This structure is a great way to collect individual pages. It opens completely flat, and the weaving provides compensation for any added inclusions. It is important to be patient with the weaving in order to create a sturdy, stable binding.

SIZE

6" × 8" (15 × 20 cm),
landscape orientation

TIME

Time: approx. 3½ hours

Prep: 1 hour

Make: 2 hours

Downtime/Drying time:
30 minutes

TOOLS

- Bone folder
- Knife

- Ruler
- Glue brush
- Pencil
- Dividers

OPTIONAL TOOLS

- Microspatula
- Weight

MATERIALS

- Heavyweight paper, with a final cut of 6" × 8" (15 × 20 cm); an even number of leaves works best
- Two 6" × 8" (15 × 20 cm) sheets of .010 pt. *or* .020 pt. board
- Two 6" × 8" (15 × 20 cm) pieces of .067 pt. cover board
- Enough Moriki, *or* another strong Japanese paper, *or* any other paper that is strong and flexible, to create six 20" × ½" (50 × 1.5 cm) laces, double thickness
- Four 7" × 9" (17.5 × 23 cm) pieces of decorative paper
- One 6" × ½" (15 × 1.5 cm) piece of .010 pt. board
- 3 pieces of scrap board for the jig: 1 piece longer than the length of the page and at least one-quarter of the width of the page, for a base; and 2 pieces for walls, one the length of the page and at least ½" (1.5 cm) wide, and one the length of the width of the base piece and at least ½" (1.5 cm) wide
- Double-sided tape
- PVA
- Waste paper

The tools and materials required include a bone folder, pencil, knife, glue brush, ruler, dividers, heavyweight paper, binder's board, decorative paper, and glue.



TIP

Hang up your Moriki paper while it dries so that the air circulates on all sides.

INSTRUCTIONS

Make Moriki Laces

1. Glue out one length of Moriki paper and fold it in half lengthwise, ending up with a $24'' \times 3''$ (61×7.5 cm) piece, creating a long strip of double-sided paper. Allow this to dry.
2. Once the Moriki paper is dry, measure and cut 6 lengths to $24'' \times \frac{1}{2}''$ (61×1.5 cm). Allow for approximately $\frac{1}{2}''$ (1.5 cm) of each strip for each sheet of leaf/page. The total width of all the laces should not be more than half the width of the text-block. If you are making a smaller album, reduce the number of laces.

Make the Cover Boards

The cover boards are made of two boards (one .010 pt. board and one binder's board), each covered on one side with decorative paper. These two boards are then sandwiched together with the laces secured between them.

3. On waste paper, glue out the decorative paper and cover one side of each of the .010 pt. boards. Bone them down, miter the corners, and adhere the turn-ins. Set them aside under a weight to dry. Repeat with the cover boards. Caution: The .010 pt. board will react to the moisture in the glue. It is important to keep them under a weight until they are dry, to keep them flat.
4. Cover the binder's board covers with decorative paper.

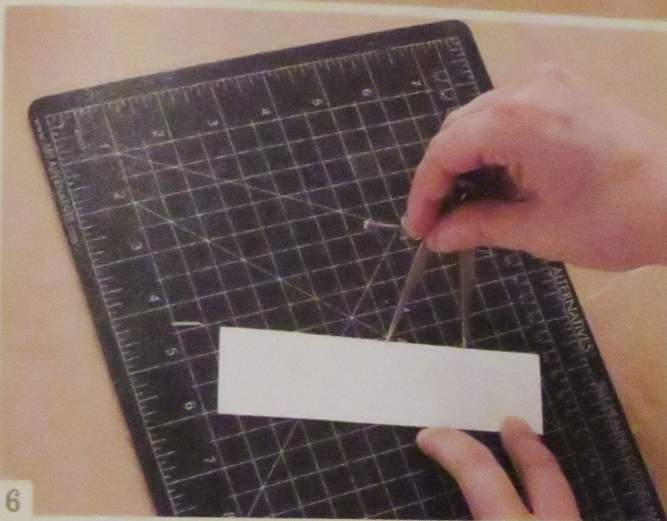
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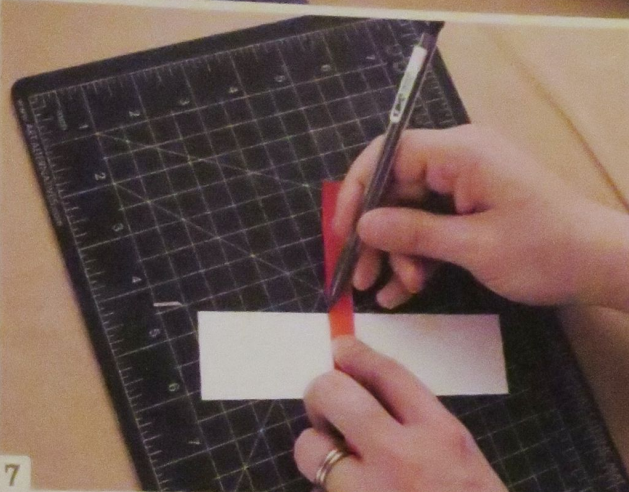
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Make a Template for Cutting the Slots

This will hold the leaves/pages in place while you are cutting the slots for weaving. The base should be large enough to hold each leaf/page steady and provide a cutting surface. The sides will brace the leaf/page and the template so that the cuts are positioned correctly and are aligned.

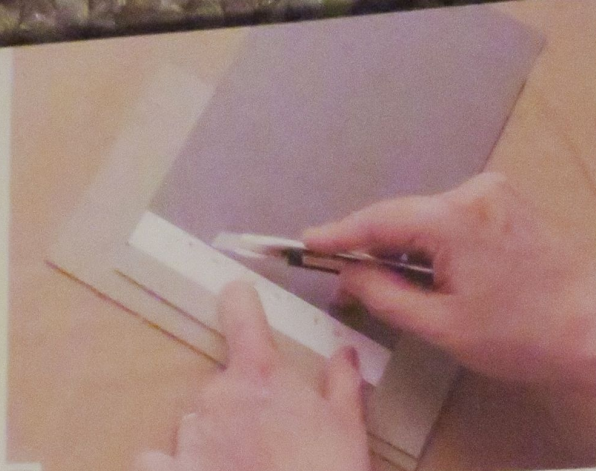
5. Position the shorter wall piece along the bottom of the base and secure it with double-sided tape. Position the longer wall piece along the edge of the base and abutting the shorter wall piece. Make sure they are square to each other. Secure with double-sided tape.
6. Cut 1 piece of .010 pt. board to 6" x 1/2" (15 x 1.5 cm), the height of the leaves x one-quarter of the width. Using dividers, divide the length of the .010 pt. board into 4 equal measurements. Mark the 3 spots along the interior of the .010 pt. board.

7. This is the middle of 3 marks. On either side of this mark, measure and mark 1 line that is the width of the Moriki laces (1/2" [1.5 cm]).

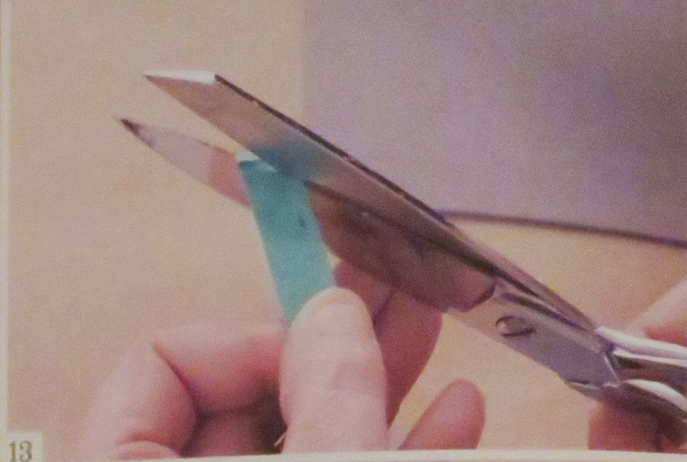
8. Mark the spaces, alternating between "A" and "B" as the marking for each space.

TIP

Thick paper is a good choice for your heavy-weight paper because it will support the weaving as well as the objects attached to the leaves.



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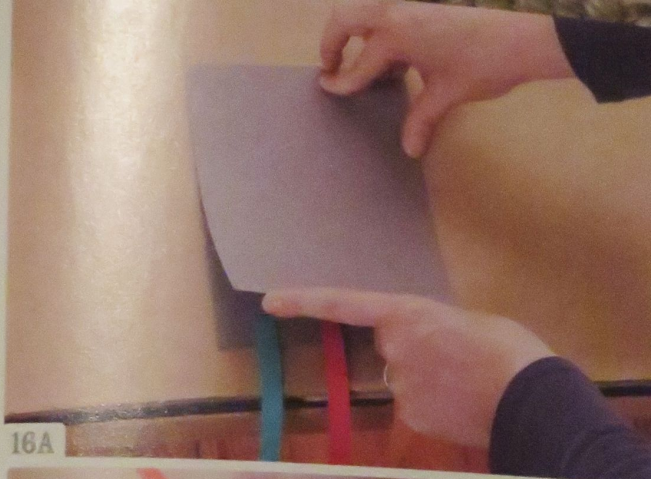
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Cut the Slots into the Paper

9. Make 2 equal piles of the interior leaves/pages. One will have the "A" cuts and one will have the "B" cuts.
10. Abut an interior paper to the scrap board on the jig, aligning the spine edge and tail within the walls. Align the template along the spine edge and on top of the page, and abutting the walls of the jig.
11. Cut 3 slots designated "A" on the page. Continue with all the "A" pages (see Tip, page 51).
12. Change to the "B" pile and cut 3 slots designated "B" on all pages in the other pile (see Tip, page 51).

Weave the Book

13. Begin with a sheet of paper marked "A." Set the work on the edge of your table, spine out. Miter the ends of the Moriki laces. Pointed ends are easier to weave.
14. Working from underneath to the top, lace separate strips through each of the 3 slots, leaving a 3" to 4" (7.5 to 10 cm) tail on the bottom. A thin bone folder or microspatula is helpful here.
15. Fold the strips down *cleanly* toward the spine. Bone them down.



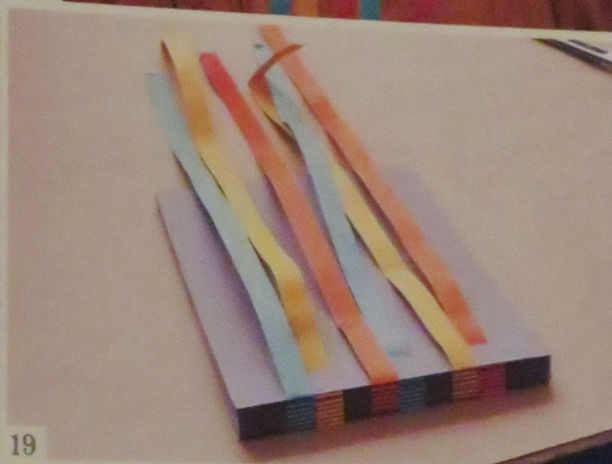
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16B



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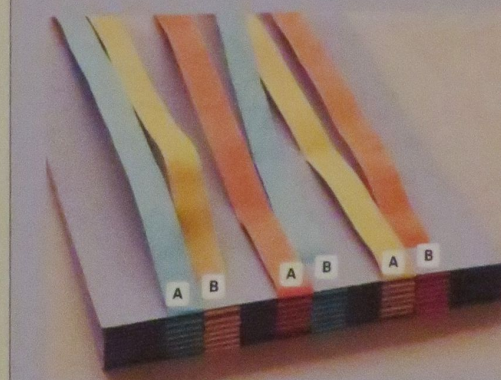


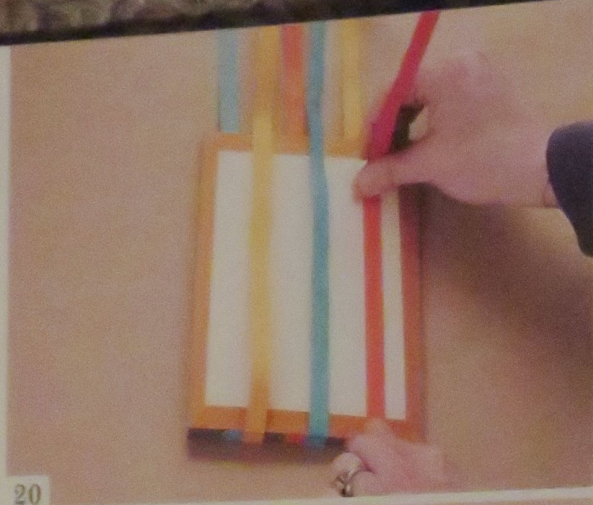
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16. Place a sheet of paper marked "B" on top of the paper marked "A," squaring up at all the edges, and repeat the lacing procedure with 3 other strips. A weight will be helpful here.
17. Alternate the "A" sheets and "B" sheets. The laces will wrap around the spine edge of the pages. Place an "A" sheet on top and lace the "A" strips through. Do not pull too tightly or the "B" page will bend and crease. Square up nicely and gently, and cleanly fold the strip around the "B" page underneath to square up and set tension.
18. Tails of the "B" laces will fold under the "A" pages so that all the extra lengths of the lacing strips are side by side and touching the table. Fold the "B" strip toward the spine. Make sure the fold of the laces is flush to the spine as each leaf/page is added.

19. Continue in this manner until the textblock is done. Set aside.

TIP Positioning of Slots A + B

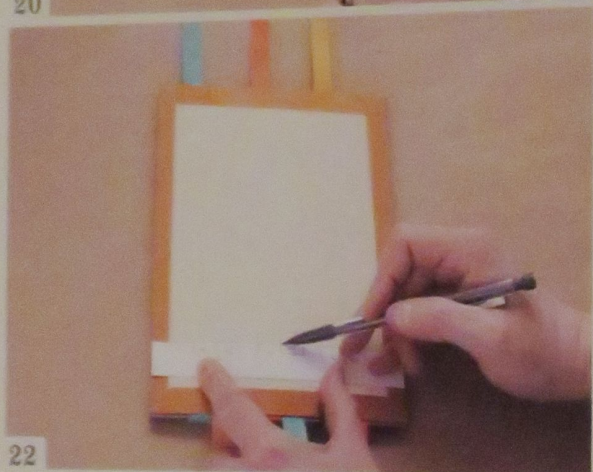




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Mark the Covered .010 pt. Boards for the Slots

20. Align the .010 pt. boards to the textblock with the covered side facing the textblock. Look at the laces. One set of laces will be on top of the leaf/page. This set will require 2 slots to weave the laces so that they end up on top of the cover board. The other set will only require 1 slot as it is in the correct position to lace.

21. Once the boards are aligned, align the template along the spine edge of the cover. Mark 1 line that includes both slots ("A" and "B") at each station.

22. Reposition the template to align the long edge of the template to the line you just made for the double slots. This will indent the second slot by the width of the template. Mark *only* the lace position that requires the second slot to end up on top of the cover board.

23. Cut those slots.

24. Lace the .010 pt. boards in, alternating the "A" and "B" laces. Trim the laces to an even length, about $1\frac{1}{2}$ " (4 cm).

25. Glue out the laces, adhere them to the board, and bone them down.



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26. Turn the textblock over and mark and cut slots in the same way for the second .010 pt. board.

27. Lace the .010 pt. boards in, alternating the "A" and "B" laces.

28. Trim the laces to an even length, about 1½" (4 cm). Glue out the laces, adhere them to the board, and bone them down.

29. On a piece of waste paper, glue out the binder's board covers.

30. Align and adhere binder's board to the .010 pt. covers.

31. Bone down and repeat on the other side.

32. Leave under a weight until they are dry.



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