“SHUT THE BOX” GAME

GET FROM ROCKLER

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<td>3/8” Spiral Up-Cut Router Bit (1/2” sh.)</td>
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OTHER MATERIALS

- Adhesive backed numbers
- Your choice of finish

www.rockler.com
800-279-4441
1. CUT THESE PIECES

1/2" THICK WALNUT

A x2

D x2

B x2

E x2

F x1

H x1

Drill 5/16" through hole in both pieces.

1/4" THICK WALNUT

L x2

M x2

Cut slightly long and miter to exact length on assembly. Ease top edges by routing 1/4" round-over.

1/4" THICK WALNUT VENEER PLYWOOD

C x2

1/4" DIAMETER BIRCH DOWEL

J x1

Use the Rockler Router Table Box Joint Jig (29502) and a 3/8" Spiral Upcut Router Bit (38238) to cut 3/8" box joints in the pieces as shown at left.

Be sure to follow the instructions included with the jig and orient your pieces properly when routing to ensure symmetrical joints.

1/2" DIAMETER WALNUT DOWEL

Cut into 6" lengths. Drill 5/16" hole through center. (Use wood block with 1/2" hole to hold dowel on end.) Then cut into 9/32" disks.

1/2" THICK MAPLE

Drill 5/16" through hole centered 3/8" from bottom. Chamfer corners.

“SHUT THE BOX” GAME
2. BUILD THE BOX

Rout a 1/4" wide x 1/4" deep groove 7/16" up from the bottom in Parts A and B.

**Note:** The groove must stop 1/4" from the ends of both Parts B so as not to ruin the finger joint.

Rout a 1/4" wide x 1/4" deep groove 1/16" down from the top in Parts D and E.

**Note:** The groove must stop 1/4" from the ends of both Parts E so as not to ruin the finger joint.

Apply wood glue to the joint fingers but not in the grooves. Clamp the assemblies, checking to make sure they're square.

**Special glue tools and clamping cauls deliver better, easier box-joint glue-ups**

Rockler’s 3-piece set of Glue Paddles (48844), Box Joint Cauls (32993) and Deluxe Band Clamp (41419) are designed to make glue-ups simpler and more precise.

Rout a 1/4" wide x 1/4" deep groove 1/16" down from the top in Parts A and B.

**Note:** The groove must stop 1/4" from the ends of both Parts D so as not to ruin the finger joint.

Apply wood glue to the joint fingers but not in the grooves. Clamp the assemblies, checking to make sure they're square.

**Stopped grooves preserve fingers**

The grooves in Parts A and E must stop 1/4" short of both ends so that they won’t be visible when you glue up the box.

**Cut hinge mortises before glue-up**

Use a 5/16" bit in a router table to cut 1 1/8" long mortises centered on the rear-facing top edges of Parts B and the rear-facing bottom edges of Parts E. Mortise depth should allow hinge to sit flush.
3. ASSEMBLE GAME SECTION

Apply wood glue to the joint fingers and clamp the assembly. Do not glue the dowel assembly.

4. APPLY FELT TO BOTTOM

Paint the numbers on the flip blocks (Part J) or apply adhesive-backed numbers available at a craft store.

5. ADD LID SUPPORTS

Install this piece first, resting it on game assembly to set height.

Note: Miter corners of all pieces

Attach pieces with wood glue.

6. INSTALL THE HARDWARE

Apply your choice of finish.

Solid Brass Side Rail Hinges (1 pr.)
11040

Decorative Swing Latch
46818