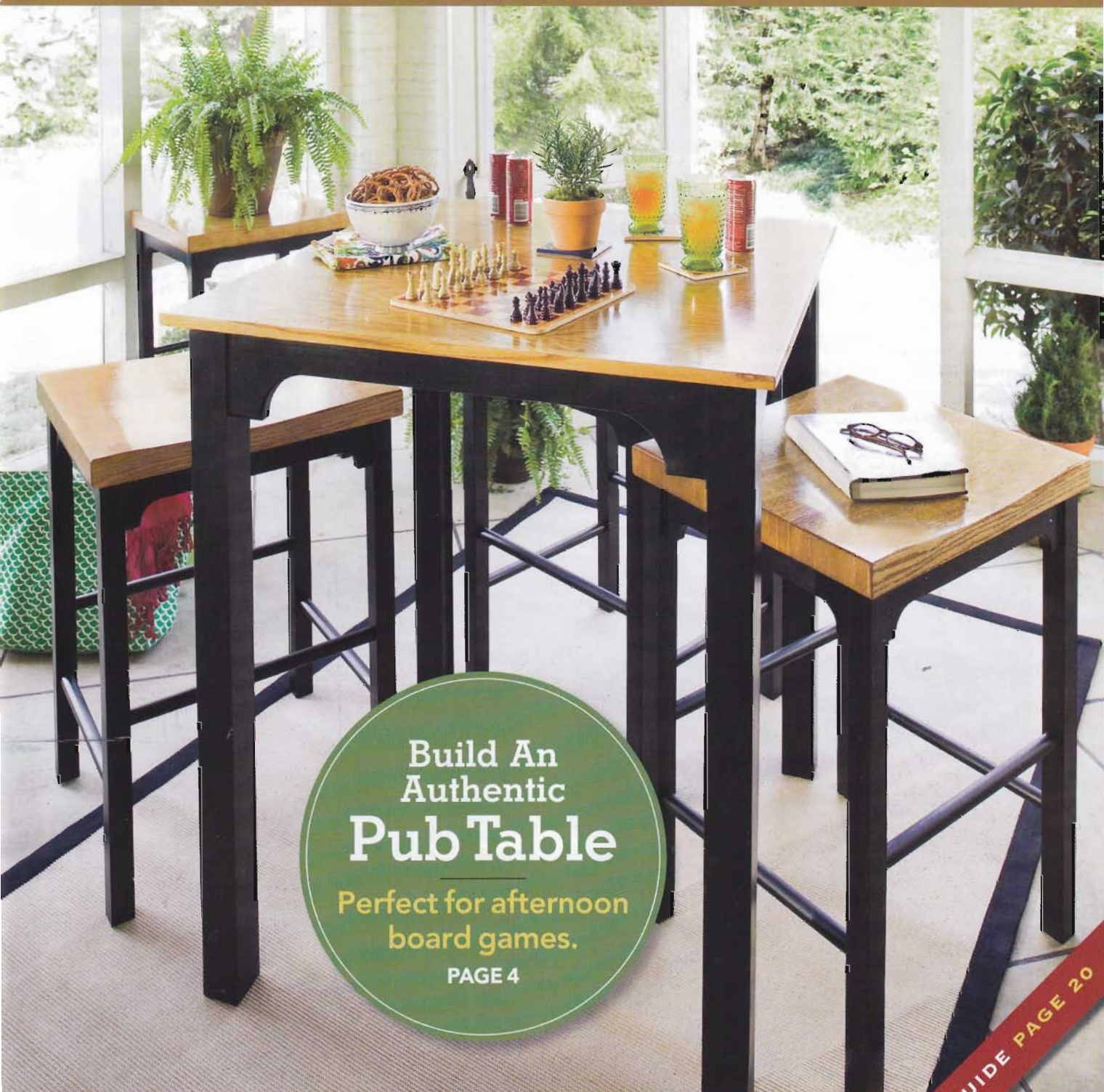


LOWE'S
creative
ideas

FALL 2009

for Woodworkers



Build An
Authentic
Pub Table

Perfect for afternoon
board games.

PAGE 4

10 Cheese Slicer **14** Breadboard **16** Cornhole Game

GIFT GUIDE PAGE 20



Cooler weather gives you more opportunities to build and enjoy the fruits of your labor. This issue is packed with great projects to share with your family and friends. Play a board game on our Pub Table, have outdoor fun with the Cornhole Game, and give a special person a handcrafted gift, like our Breadboard or Cheese Slicer.

Need some pointers? For beginner skill level readers, our

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Quality Time

Skill Set column offers a lesson on using a circular saw. And remember to sign up the kids for Lowe's Build and Grow clinics—find a preview of upcoming projects on the back cover.

Send us your comments and questions, and check out LowesCreativeIdeas.com/Woodworkers for even more projects and woodworking tips!

P.S. Go to LowesCreativeIdeas.com/ShopClassSignUp to register now for our second Shop Class project, a stylish storage bench. Shop Class is our online series of videos with step-by-step building instructions. Hurry—class starts October 8th!



CONTRIBUTORS

CHRIS HILL

Chris built several of the Breadboards featured in this issue as gifts for teachers, a bus driver, and even the mail carrier. And his three boys and their friends love playing the Cornhole Game.



HOSEY HUTSON

Hosey's Table Saw Storage Table, online at LowesCreativeIdeas.com/Woodworkers, is a clever solution for a small shop. His past shops gave him plenty of inspiration for this design.



RICK PETERS

Rick offers his expertise and attention to detail on the project instructions for the Pub Table and Stools and Table Saw Storage Table.



How-To Plan

To download projects and How-To plans such as our Table Saw Storage Table, visit us online at LowesCreativeIdeas.com/Woodworkers. This project stores tools and accessories, and it also doubles as a handy outfeed table.



Safety Is Your Responsibility

Lowe's Companies, Inc., and its subsidiaries ("Lowe's"), and SPConnect, the Publisher of this issue of *Lowes Creative Ideas for Woodworkers*, have made every effort to be complete and accurate in the instructions and other content contained in this Publication. However, neither Lowe's nor the Publisher assumes any responsibility or liability for damages or losses suffered, sustained, or incurred in the course of your home improvement, woodworking, or repair project or in the course of your use of the item you create or repair. Further, improper use of hand tools or power tools can lead to serious and permanent injury or even death. In some issues of *Woodworkers*, the guards and safety equipment have been removed in illustrations and photos only to provide a better view of the operation of the tool. Do not attempt any procedure or project unless all guards and safety equipment are in place. Always follow manufacturer's operating instructions in the use of tools. Check and observe all standard safety precautions.



Q & A With the Experts at **LOWE'S**



Q What food-safe finishes can I use for kitchen projects such as cutting boards?

A Most common wood finishes are safe for use on wooden cutting boards, butcher-block countertops, and other surfaces that will come in contact with food. The key is allowing the finish to cure thoroughly so that drying agents and solvents, such as mineral spirits or lacquer thinner, can evaporate, leaving behind only the solids, which are typically natural or synthetic resins.

There are other factors that can determine the best finish choice. Wood finishes come in two basic forms—film and penetrating finishes. Film finishes (varnish, polyurethane, lacquer, and shellac) form a topcoat similar to paint that forms a protective barrier on the wood surface. Like paint, they can chip or peel off, allowing small amounts of the material to mix with food. However, neither the U.S. Department of Agriculture (USDA) nor the U.S. Food and Drug Administration (FDA) issue warnings about safety issues with these finishes.

In fact, shellac is a natural insect resin often used as a coating for pills.

For practical reasons, it's often easier to use penetrating finishes, which are typically drying oils such as linseed or tung oil, or oil/resin blends such as Watco Butcher Block Oil & Finish. These finishes cure slowly from exposure to oxygen and form a water-repellent layer right at the surface of the wood. Renew them periodically by lightly sanding the surface and reapplying the oil with a cotton cloth.

Nondrying oils, such as common vegetable-derived cooking oils, are safe but not recommended because they can turn rancid over time.



Q How do I choose casters for projects? What features do I need to look for?

A First, you should determine the places where the casters connect to your project. A narrow furniture leg will likely require a small, stem-mount caster with an insert that fits into a single drilled hole. If you have more surface

area to work with, a plate caster—which is mounted with screws—will usually provide more strength and stability.

Many plate casters come with a locking feature to help prevent unwanted movement of the furniture or fixture. This is especially important for shop fixtures or tool bases, such as router tables or miter saw stands, that need to stay put while you're working.

Weight rating is obviously a critical factor, and it's usually stated on the caster itself or on the packaging. The rating is for one caster, so multiply that specification by the number of casters to get the total load capacity. Wheel diameter, tread width, bearing type, and wheel material all help determine what the load-bearing capacity is, and the steel mounting plate and yoke will be designed accordingly. As a general rule, larger wheels will carry more weight and will roll more easily, especially over rough or uneven surfaces.

P.S. Tell us about your projects and how you became interested in woodworking.

Send responses to Lowe's Creative Ideas for Woodworkers, P.O. Box 523-G, Birmingham, AL 35201. If we profile you in an upcoming issue, you'll receive a free Hitachi 14.4-volt 3/8-inch cordless drill/driver kit.





Pull up a seat for a game of chess or for enjoying an afternoon snack.

Pub TABLE

Originally found only in ale and public houses (or pubs), this furniture style is making its way to casual dining and living areas in the home. Pub tables take up very little floor space; just add a set of stools and you have compact seating for four.





A combination of stained and painted surfaces gives this project a professional and sleek look.



Making the Table



FINISHED DIMENSIONS

HEIGHT
42 inches

DEPTH
36 inches

WIDTH
36 inches

Instructions:

GENERAL: Cut and label the parts as needed, using the Cut List as a guide and adjusting for fit.

1 ASSEMBLE THE TABLE LEGS

- a.** Add $\frac{1}{2}$ inch to the length dimension provided in the Cut List for each (01) leg board, and cut the parts to length. This will allow for squaring and cutting after the boards are glued.
- b.** Rip the stock for each (01) leg board cutting 45-degree bevels on both long edges.

c. On a flat work surface, lay three evenly spaced 12-inch strips of package sealing tape with the sticky side up. Place a (01) leg board perpendicular to and roughly centered on the tape. Press down to adhere the (01) leg board to the tape.

d. Position a second (01) leg board adjacent to the first board so that the beveled edges butt up against each other, and then press down. Repeat this process with two more (01) leg boards.

e. Apply glue to the beveled edges of the (01) leg boards, and then roll the boards to form



Go to LowesCreativeIdeas.com/Woodworkers to download the Cutting Diagram for this project.

Figure 1

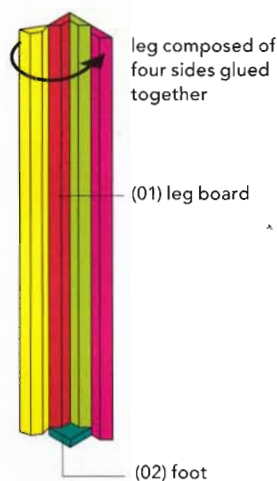
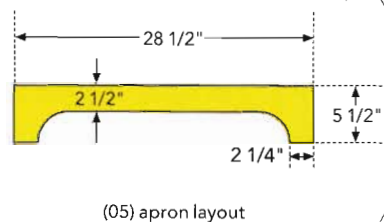
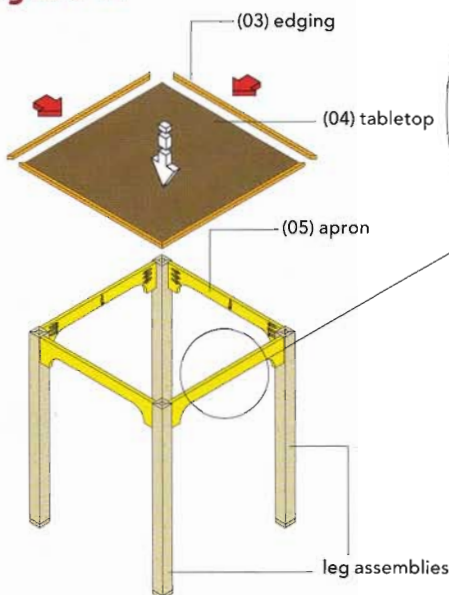


Figure 2



a square leg assembly as shown in Figure 1. Repeat for the three remaining leg assemblies, and allow the glue to dry completely.
f. Remove the tape, and cut the leg assemblies to the finished length.
g. Attach a (02) foot to the bottom of each leg assembly with glue and 4d nails.

2 BUILD THE TABLE

a. Scribe and miter cut the (03) edging to fit the perimeter of the (04) tabletop as shown in

Figure 2. **Note:** The (03) edging parts are ripped from a 1 x 6.
b. Attach the (03) edging to the (04) tabletop with glue and 4d nails.
c. Following the (05) apron layout in Figure 2, cut the (05) aprons to shape.
d. Position the (05) aprons flush with the top and outside faces of the leg assemblies, and attach using glue and pocket hole screws.
e. Attach the (04) tabletop assembly to the base assembly with glue and pocket hole screws as shown in Figure 2.

This table is just the right height to use while standing or seated on the extra wide stools.

TOOLS YOU'LL USE



TABLE SAW



MITER SAW



ROUTER



BAND SAW



DRILL/DRIVER

- ◆ TABLE SAW (OR CIRCULAR SAW WITH A STRAIGHTEDGE GUIDE)
- ◆ MITER SAW (OR HANDSAW WITH MITER BOX)
- ◆ ROUTER WITH A 1/4-INCH ROUNDOVER BIT
- ◆ BAND SAW (OR JIGSAW)

- ◆ DRILL/DRIVER WITH BITS
- ◆ PNEUMATIC NAILER (OR HAMMER WITH NAIL SET)
- ◆ KREG JIG K4
- ◆ POWER SANDER AND VARIOUS GRITS OF SANDPAPER
- ◆ CLAMPS

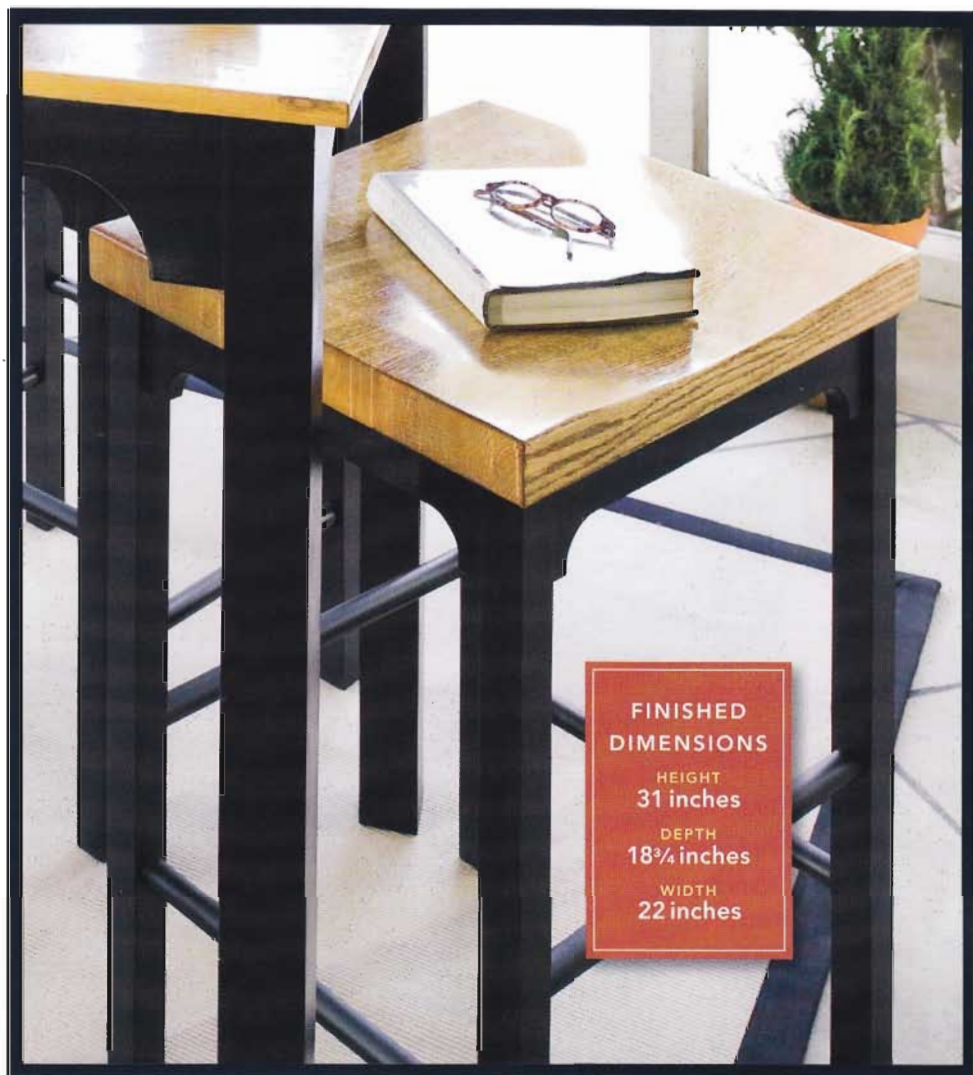
- ◆ FLEXIBLE METAL RULER
- ◆ TAPE MEASURE
- ◆ PAINTBRUSH/RAGS
- ◆ PENCIL

Good To Know

Create a template for the table apron and the stool aprons. This will help you easily duplicate the parts.



Making the Stools



FINISHED DIMENSIONS

HEIGHT
31 inches

DEPTH
18 3/4 inches

WIDTH
22 inches

1 MAKE THE SEATS FOR THE STOOLS

- Following the (06) seat board layout in Figure 1, cut out one (06) seat board. Mark it as your pattern. **Note:** The (06) seat boards are ripped from 1 x 8s and a 1 x 4.
- Trace the seat pattern onto the remaining (06) seat boards, and cut the boards to shape. **Note:** You can temporarily attach several boards together, and then cut them to shape on a band saw.
- Apply glue to the faces of the (06) seat boards, and clamp them together as shown in Figure 1. Allow the glue to dry overnight.
- Sand the dishd contour smooth starting

with a coarse-grit sandpaper and gradually moving to finer grits.

- Using a router fitted with a 1/4-inch roundover bit, round over all edges of the sanded seat.
- Repeat for the remaining stool seats.

2 BUILD THE STOOLS

- Lay out and drill 1-inch-diameter holes in the (07) stool legs for the (08) long rungs and (09) short rungs as shown in Figure 2.
- Following the apron layout in Figure 2, cut the (10) long aprons and (11) short aprons to shape.
- Cut the dowels for the (08) long rungs and



Go to LowesCreativeIdeas.com/Woodworkers to download the Cutting Diagram for this project.



Use a piece of scrap to scribe the (06) seat board arc.



Temporarily join several seat boards to cut them on a band saw.

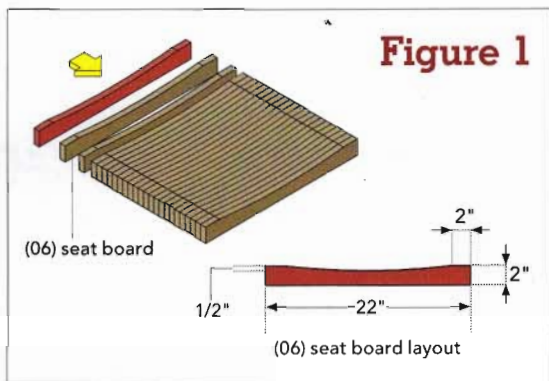


Figure 1

(09) short rungs $\frac{1}{4}$ inch longer than the length provided in the Cut List to allow for sanding the rungs flush after assembly.

d. Attach the (10) long aprons and (11) short aprons to the (07) stool legs with glue and pocket hole screws as shown in Figure 2.

e. Apply glue around the circumference on the ends of the (08) long rungs and (09) short rungs, and insert them in the holes in the (07) stool legs. Secure the rungs with 4d nails.

f. Attach the seat assemblies to the stool base

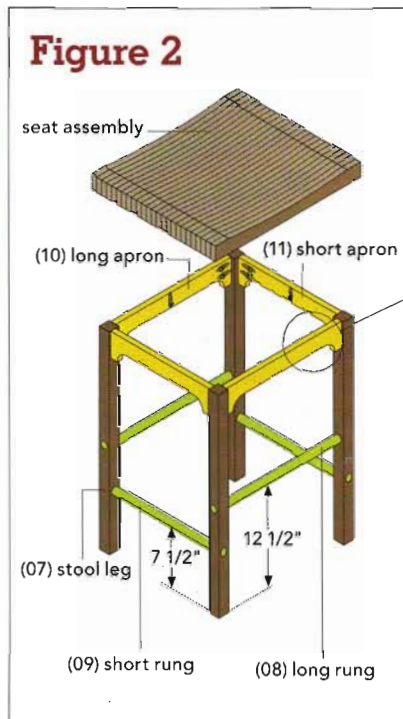
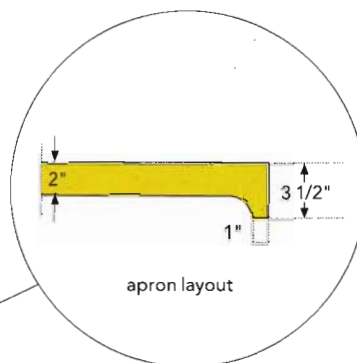


Figure 2



apron layout

assemblies with glue and pocket hole screws as shown in Figure 2.

3 APPLY FINISHING TOUCHES

- Fill all holes, and sand smooth.
- Prime and paint the leg assemblies. Stain the tabletop and seat assemblies. Then apply a coat of polyurethane to the entire project.
- Attach a nail-on furniture glide to the bottom of each (02) foot and (07) stool leg.

Lowe's List

PROJECT #WFall091

LUMBER*

- ☐ 4 boards, 1 x 4 x 2, oak
- ☐ 4 boards, 1 x 4 x 6
- ☐ 1 board, 1 x 6 x 4, oak
- ☐ 6 boards, 1 x 6 x 8
- ☐ 4 boards, 1 x 8 x 6, oak
- ☐ 4 boards, 1 x 8 x 10, oak
- ☐ 16 boards, 2 x 2 x 3
- ☐ 1 sheet of plywood, $\frac{3}{4}$ -x 4-x 4-foot, oak
- ☐ 8 round dowels, 1-x 48-inch

HARDWARE & SUPPLIES

- ☐ 1 box (1 $\frac{1}{4}$ -inch) pocket hole screws, fine thread
- ☐ 1 box of 4d finishing nails
- ☐ stainable wood filler (PL)
- ☐ wood glue (Titebond III)
- ☐ package sealing tape
- ☐ nail-on furniture glides
- ☐ 1 quart of primer (Valspar Interior Latex High-Hiding Primer)
- ☐ 1 quart of paint (Valspar Ultra Premium, Dark Kettle Black 4011-2, semi-gloss)
- ☐ 1 quart of stain (Cabot Interior Oil-Based Stain, Golden Oak)
- ☐ 1 quart of polyurethane (Cabot Interior Oil-Based Polyurethane)

*Availability varies by market.

Cut List

#	PART NAME	QUANTITY	MATERIAL	SIZE (in inches)
TABLE				
01	leg boards	16	1 x 6 x 8	$\frac{3}{4}$ x 2 $\frac{1}{2}$ x 40 $\frac{1}{2}$
02	foot	4	1 x 6 x 8	$\frac{3}{4}$ x 2 $\frac{1}{2}$ x 2 $\frac{1}{2}$
03	edging	4	1 x 6 x 4	$\frac{3}{4}$ x $\frac{3}{4}$ x 36
04	tabletop	1	plywood	$\frac{3}{4}$ x 34 $\frac{1}{2}$ x 34 $\frac{1}{2}$
05	aprons	4	1 x 6 x 8	$\frac{3}{4}$ x 5 $\frac{1}{2}$ x 28 $\frac{1}{2}$
FOUR STOOLS				
06	seat boards	100	1 x 8, 1 x 4 x 2	$\frac{3}{4}$ x 2 x 22
07	stool legs	16	2 x 2	1 $\frac{1}{2}$ x 1 $\frac{1}{2}$ x 29
08	long rungs	8	round dowel	1 x 20 $\frac{1}{2}$
09	short rungs	8	round dowel	1 x 18
10	long aprons	8	1 x 4 x 6	$\frac{3}{4}$ x 3 $\frac{1}{2}$ x 17 $\frac{1}{2}$
11	short aprons	8	1 x 4 x 6	$\frac{3}{4}$ x 3 $\frac{1}{2}$ x 15



GIFT PROJECT

SKILL LEVEL:  

Cheese Slicer

Serve up appetizers with this simple yet impressive kitchen gadget.

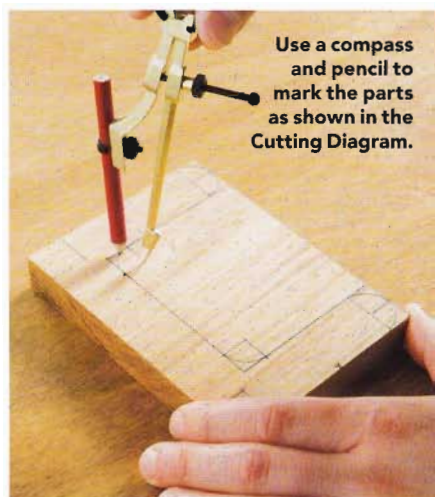
FINISHED DIMENSIONS

HEIGHT
1½ inches

DEPTH
8¾ inches

WIDTH
5½ inches



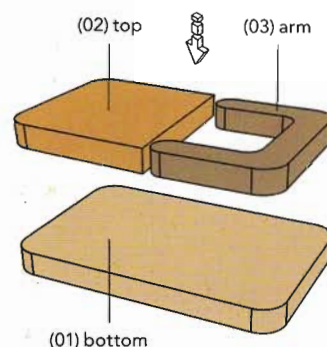


Use a compass and pencil to mark the parts as shown in the Cutting Diagram.



Cut out the parts with a band saw.

Figure 1



Given as a gift or made for your own use, this cheese slicer is an attractive and functional kitchen must-have. Created from just one board, it folds down flat for easy storage, and the cutting wire is removable so it can be replaced as needed.

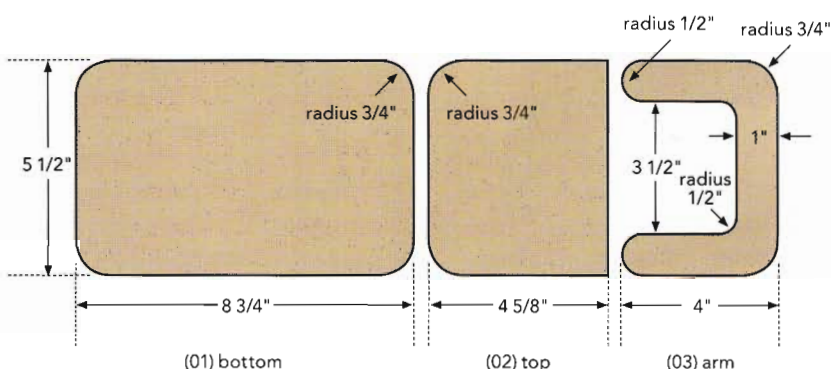
Instructions:

GENERAL: Cut and label the parts as needed, using the Cutting Diagram and Cut List as guides and adjusting for fit.

1 CUT THE PARTS, AND SAND THE ENDS

- Measure and mark the layouts for the (01) bottom, (02) top, and (03) arm per the Cutting Diagram.
- Cut out the parts using a band saw.
- Stack the (01) bottom and (02) top together with the rounded ends flush, and then temporarily join them using painter's tape.
- Sand the flush ends of the (01) bottom and (02) top until they are smooth and even. Remove the tape, and then separate the parts.
- Sand smooth the straight end of the (02) top.
- Position the solid end of the (03) arm stacked on top of the other end of the (01) bottom, and temporarily join them using painter's tape.
- Sand the flush ends until they are smooth and even. Remove the tape, and separate the parts.

Cutting Diagram



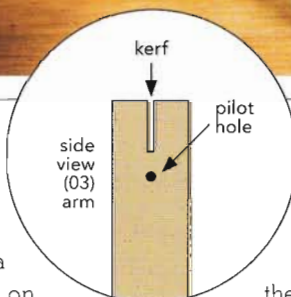
TOOLS YOU'LL USE

				
MITER SAW	BAND SAW	DRILL/DRIVER	POWER SANDER	TAPE MEASURE
♦ MITER SAW (OR CIRCULAR SAW)	♦ BAND SAW	♦ POWER SANDER AND VARIOUS GRITS OF SANDPAPER	♦ COMPASS	♦ HANDSAW
♦ DRILL/DRIVER WITH BITS	♦ TAPE MEASURE	♦ SCREWDRIVER	♦ NEEDLE-NOSE PLIERS	♦ PAINTBRUSH/RAGS
	♦ CLAMPS		♦ PENCIL	



2 CREATE THE WIRE KERFS

- Clamp the (03) arm to a work surface.
- Using a handsaw, cut a kerf at least $\frac{1}{2}$ inch deep on each top end of the (03) arm as shown in the side view of the (03) arm.
- On the outside edges of the (03) arm, drill a pilot hole using a drill/driver and $\frac{3}{32}$ -inch bit, $\frac{3}{16}$ inch below the kerf as shown in the side view of the (03) arm.



3 APPLY A FINISH

- Sand the kerf ends of the (03) arm.
- Reposition the (02) top and the (03) arm on the (01) bottom flush with their corresponding ends as shown in Figure 1. Make sure that there is at least $\frac{1}{16}$ inch between the (02) top and the (03) arm.
- Set the (03) arm aside. Attach the (02)

top to the (01) bottom with glue, and clamp in place. Wipe off any excess, and allow the glue to dry.

- Sand smooth all parts, and then apply butcher-block oil or mineral oil. Sand between coats, and allow the oil to dry following the manufacturer's instructions.

4 ATTACH THE WIRE

- Cut an approximately 6 $\frac{1}{2}$ -inch length of steel wire.
- Drive a lath screw about $\frac{1}{4}$ inch into one of the pilot holes. Wrap one end of the wire two to three times around the shank of the screw using needle-nose pliers. Position the wire through one kerf, and then drive the screw completely into the pilot hole.
- Pull the wire through the remaining

kerf and spanning the width of the (03) arm. Drive another lath screw about $\frac{1}{4}$ inch into the other pilot hole. Wrap the wire two to three times around the shank of the screw. Then drive the screw completely into the pilot hole, and trim any excess wire.

5 ATTACH THE ARM

- Position the (03) arm flush with the end of the (01) bottom, and attach with a 4-inch continuous hinge.
- Test-cut a block of cheese, and adjust the tautness of the wire as needed.

Cut List

#	PART NAME	QUANTITY	MATERIAL	SIZE (in. inches)
01	bottom	1	1 x 6	$\frac{3}{4}$ x $5\frac{1}{2}$ x $8\frac{3}{4}$
02	top	1	1 x 6	$\frac{3}{4}$ x $5\frac{1}{2}$ x $4\frac{5}{8}$
03	arm	1	1 x 6	$\frac{3}{4}$ x $5\frac{1}{2}$ x 4

Lowe's List

PROJECT #WFall092

LUMBER*

- ☐ 1 oak board, 1 x 6 x 2

HARDWARE & SUPPLIES

- ☐ 1 box (#8 x $\frac{1}{2}$ -inch) truss washer lath screws
- ☐ 1 package (22-gauge) steel wire
- ☐ 1 (4-inch) continuous hinge
- ☐ painter's tape
- ☐ wood glue (Titebond II)
- ☐ 1 can of butcher-block oil or mineral oil

*Availability varies by market.



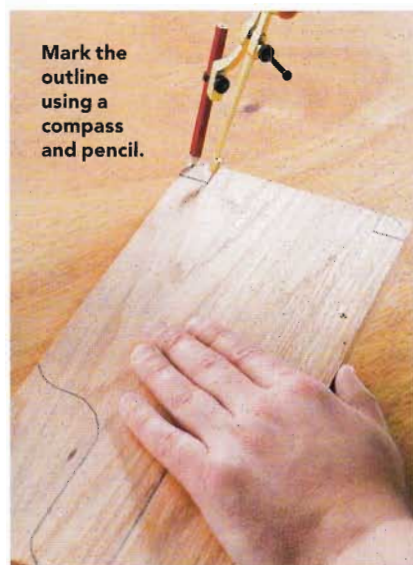
Breadboard

Make this easy project as a special handcrafted token.

**FINISHED
DIMENSIONS**HEIGHT
 $\frac{3}{4}$ inchesDEPTH
12 inchesWIDTH
5½ inches

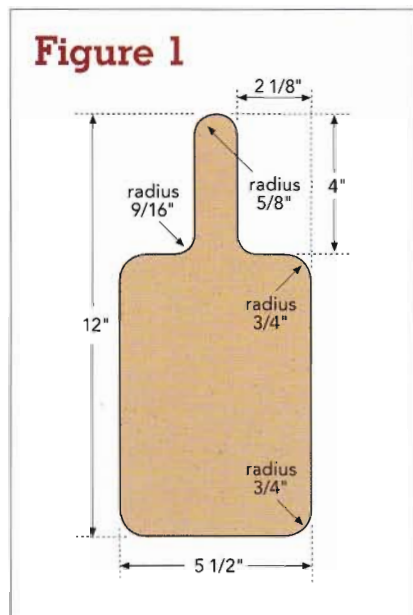
Bread represents bountiful life, so what better way to wish your friends and family continued good fortune. Pair the breadboard with a jar of preserves for a thoughtful holiday gift.

» Instructions:



1 SCRIBE THE PATTERN

a. Following the layout in Figure 1, mark the outline of the (01) breadboard.



Lowe's List

PROJECT #WFall093

LUMBER*

☐ 1 oak board, 1 x 6 x 2

HARDWARE & SUPPLIES

☐ 1 can of butcher-block oil or mineral oil

*Availability varies by market.



2 CUT THE BREADBOARD

a. Cut out the (01) breadboard using a band saw or a jigsaw, with the blade slightly outside (roughly 1/16 inch) of the scribed lines. **Note:** If you are using a jigsaw, clamp the workpiece in place, and reposition it as needed to continue the cuts.



3 APPLY FINISHING TOUCHES

a. Sand all edges until you reach the scribed lines.
b. Sand the faces, and then wipe with a damp cloth to help raise the grain. Sand again until smooth.
c. Apply two to four coats of butcher-block oil (or mineral oil), and allow to dry per the manufacturer's instructions.

TOOLS YOU'LL USE

CIRCULAR SAW	BAND SAW	POWER SANDER	COMPASS	TAPE MEASURE
◆ CIRCULAR SAW WITH A STRAIGHTEDGE GUIDE (OR MITER SAW)	◆ BAND SAW (OR JIGSAW)	◆ POWER SANDER AND VARIOUS GRITS OF SANDPAPER	◆ COMPASS	◆ TAPE MEASURE
			◆ CLAMPS	◆ PAINTBRUSH/RAGS
			◆ PENCIL	

Cut List

#	PART NAME	QUANTITY	MATERIAL	SIZE (in inches)
01	breadboard	1	1 x 6	3/4 x 5 1/2 x 12



Cornhole Game

Ready, set, play!
Take the fun and
games with you.

FINISHED DIMENSIONS

HEIGHT

2½ inches

WIDTH

24 inches

LENGTH

48 inches

Good To Know

You can paint the board with your favorite team's colors and play the game while tailgating, or simply enjoy it in your backyard with friends and neighbors.



This door pull functions as the board's handle.



The stand folds in for quick and easy storage.



Disc magnets hold the stand in place during transport.

Cornhole is a popular version of a beanbag toss game that's played at tailgating events around the country. Our portable version meets the specifications of the American Cornhole Association's official rules available at PlayCornhole.org. In singles or double play, the object is to score points by pitching bags onto the cornhole board or even better, in the hole!

Instructions:

GENERAL: Cut and label the parts as needed, using the Cut List and Cutting Diagram as guides and adjusting for fit.

1 CUT THE BOARD'S HOLE

a. Measure and mark the location for the hole on the (01) board as shown in Figure 1. Use a compass and a pencil



Step 1

to draw the outline for the hole.

b. Use a jigsaw to cut out the hole.

2 ATTACH THE TRIM PARTS

a. Using glue and nails, attach the (02) side trim to the (01) board with the ends and top edges flush (see Figure 2). **Note:** This creates an approximately 2-inch reveal on the back of the (01) board.

b. Attach the (03) end trim to the (01) board and to the (02) side trim using glue and nails. The (03) end trim covers the ends of the (02) side trim.

3 MAKE THE BOARD'S STAND

a. Following the (04) leg layout in Figure 3, cut the (04) legs to shape and scribe the (06) dowel location.

b. Position the (05) rail flush with the 90-degree ends of the (04) legs, and attach using glue and screws.

c. Using glue and screws, attach the (06) dowel as shown in Figure 3.

d. On the back of the board assembly, position the (07) stand strip flush with the inside edges, and attach with glue.

4 PAINT THE ASSEMBLIES, AND ATTACH THE HARDWARE

a. Fill holes with wood filler; sand, prime, and paint the board and stand assemblies.

b. Place the board assembly facedown. Lay the stand assembly in the folded-down position with the (04) legs long point facing up. The (05) rail should be flush against the 1/4-inch side of the (07) stand strip.

TOOLS YOU'LL USE



CIRCULAR SAW



MITER SAW



JIGSAW



DRILL/DRIVER

- ◆ CIRCULAR SAW WITH A STRAIGHTEDGE GUIDE
- ◆ MITER SAW (OR HANDSAW WITH MITER BOX)

- ◆ JIGSAW
- ◆ DRILL/DRIVER WITH BITS
- ◆ POWER SANDER AND VARIOUS GRITS OF SANDPAPER

- ◆ TAPE MEASURE
- ◆ COMPASS
- ◆ PAINTBRUSH
- ◆ PENCIL



c. Attach the stand assembly to the (07) stand strip with 2-inch utility hinges.

d. Position a disc magnet $\frac{3}{4}$ inch from the bottom on the back of each (04) leg, and then attach with construction adhesive.

e. Lay the stand assembly in the folded-down position, and mark the placement of the magnets on the (01) board.

f. Using construction adhesive, attach the corresponding disc magnet for each leg to the (01) board. **Note:** Test the placements of the magnets to make sure they will attract each other.

g. Allow the construction adhesive to dry overnight.

h. Attach a door pull in the center of one (02) side trim part.

Lowe's List

PROJECT #WFall094

LUMBER*

- ☐ 1 board, $\frac{1}{4}$ x 2 x 2
- ☐ 1 board, 1 x 2 x 4
- ☐ 2 boards, 1 x 3 x 4
- ☐ 1 board, 1 x 3 x 6
- ☐ 1 round dowel, 1- x 48-inch
- ☐ 1 sheet of plywood, $\frac{1}{2}$ -inch x 2- x 4-foot

HARDWARE & SUPPLIES

- ☐ 1 (5 $\frac{3}{4}$ -inch-long) door pull
- ☐ 2 (2-inch) utility hinges
- ☐ 1 package (#8 x 2-inch) screws
- ☐ 1 box of 4d finishing nails
- ☐ 1 package ($\frac{3}{4}$ -inch) disc magnets
- ☐ paintable wood filler (PL)
- ☐ wood glue (Titebond II)
- ☐ construction adhesive
- ☐ 1 quart of exterior primer (Valspar)
- ☐ 1 quart of exterior paint (Valspar Ultra Premium, Dark Kettle Black 4011-2, semi-gloss)
- ☐ 1 quart of paint (Valspar Ultra Premium, Tandy 3008-1A, semi-gloss)

*Availability varies by market.

Figure 1

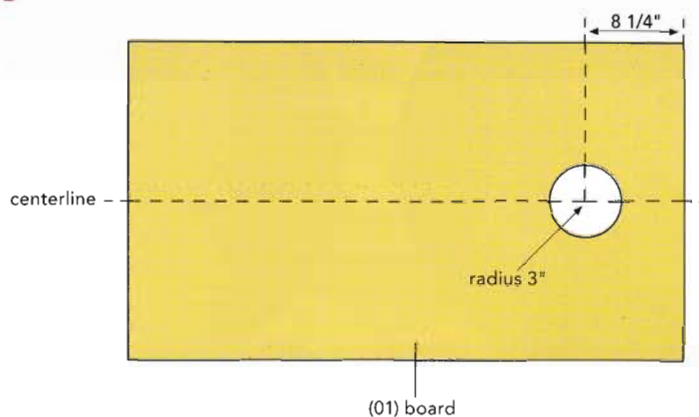


Figure 2

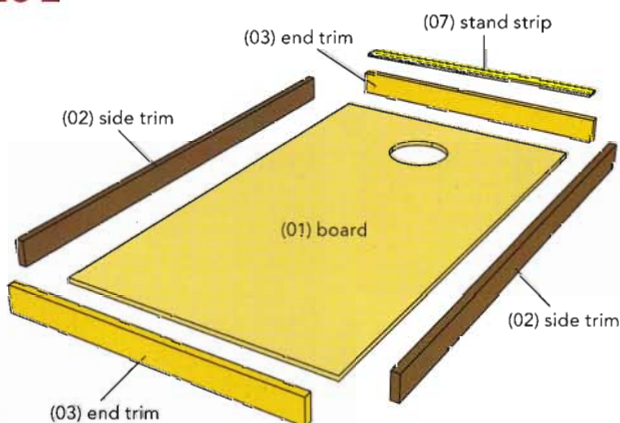
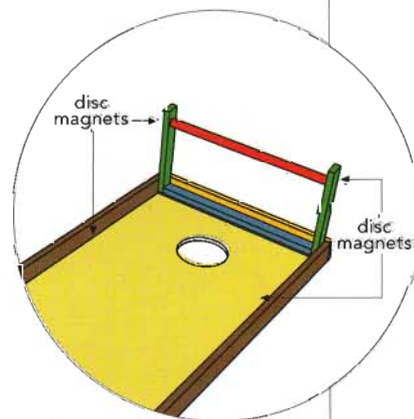
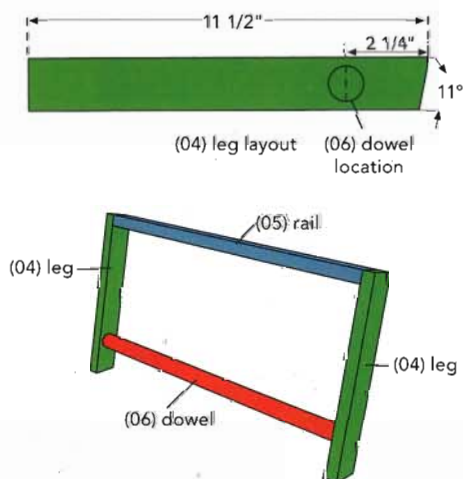
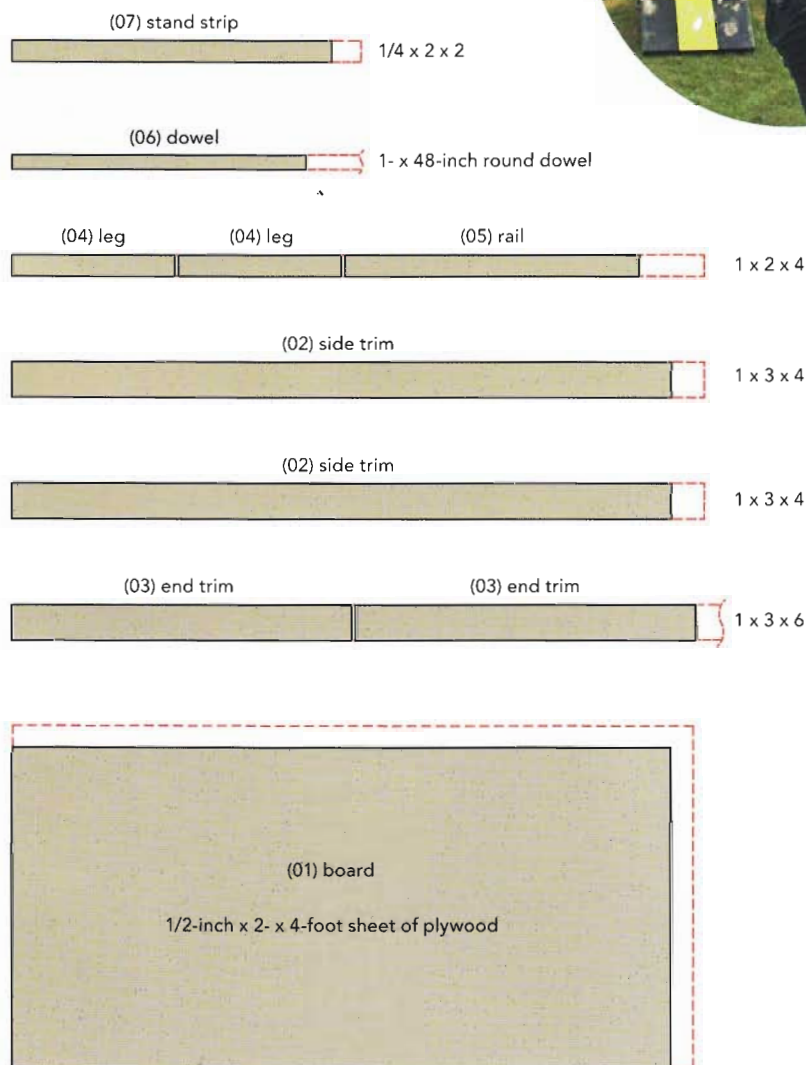


Figure 3





Cutting Diagram



Cut List

#	PART NAME	QUANTITY	MATERIAL	SIZE (in inches)
01	board	1	plywood	1/2 x 22 1/2 x 46 1/2
02	side trim	2	1 x 3 x 4	3/4 x 2 1/2 x 46 1/2
03	end trim	2	1 x 3 x 6	3/4 x 2 1/2 x 24
04	legs	2	1 x 2	3/4 x 1 1/2 x 11 1/2*
05	rail	1	1 x 2	3/4 x 1 1/2 x 20 3/4
06	dowel	1	round dowel	1 x 20 3/4
07	stand strip	1	1/4 x 2	1/4 x 1 1/2 x 22 1/2

*From long point to end.



How To Play

If you can throw straight, you can master the art of playing cornhole.

Game Play

Players stand 27 feet from the closest edge of the cornhole board. Each player takes turns throwing four bags. The board is then cleared, and the next player takes a turn.

Scoring

To score, a bag must land on the board or in the hole. A bag landing on the board, hanging off the board, or hanging on the hole is worth 1 point. A bag that falls through the hole is worth 3 points. A player may toss a bag directly into the hole, slide a bag in, or use another bag to push in a bag that's already on the board. The first player to score 21 is the winner.

For a detailed explanation of the official rules and setup, visit the American Cornhole Association at PlayCornhole.org.

How To Make Cornhole Bags

For each bag, cut two 7-inch-square pieces of fabric. Place the pieces together. Using a sewing machine, sew a 1/2-inch seam around the sides of the bag, leaving an opening in the middle of one side. Turn the square inside out, and fill with 1 1/2 to 2 cups of corn.

After you've filled the bag, fold the open seam in and stitch with your machine. Make sure the bag is sealed; double-stitching is required.





Holiday

W I S H L I S T

This season, be sure to pick up a few of these items for that special shop dweller.

2009 GIFT GUIDE

WORKBENCH: Small tools to round out the shop.

1 Kobalt 25-foot Tape Measure (#54131)

WHAT IT DOES: Makes measuring a snap; the compact case comes in a durable chrome finish.



2 Kreg Jig K4 Pocket Hole System (#142733)

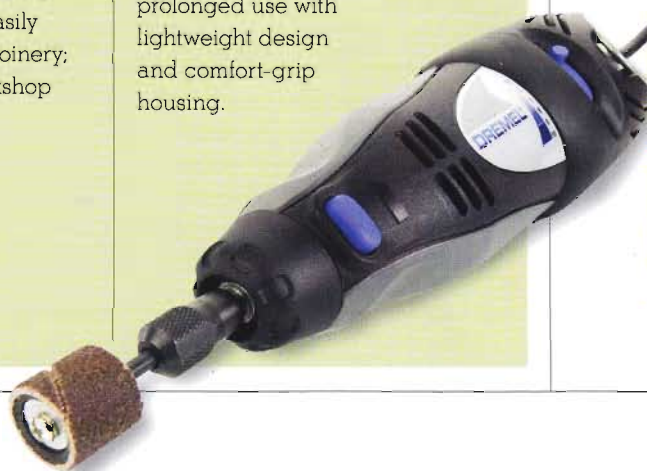
WHAT IT DOES: Quickly and easily drills pocket holes for strong joinery; builds confidence in the workshop with bonus DVD full of tips.

3 Hitachi Cordless Compact Drill/Driver (#300255)

WHAT IT DOES: Drills with heavy-duty torque (460 inch/pounds) in a lightweight package (3.5 pounds); illuminates the work surface with an LED job light.

4 Dremel 300 Series Rotary Kit (#58486)

WHAT IT DOES: Detail cutting, grinding, sanding, drilling, and sharpening; allows prolonged use with lightweight design and comfort-grip housing.





WORKSHOP: Big tools that make things happen.



Create complex details, such as this sleigh's ornamentation, with the CarveWright.



5 CarveWright (#128880)

WHAT IT DOES: Allows you to easily and quickly produce complex carvings. Simply create a design on your computer, transfer it to the CarveWright with a memory card, and watch your idea come to life with computer-controlled precision carving. Perfect for signs, reliefs for mantels and cabinetry, furniture, friezes, and much more.

6 DeWalt Random Orbit Sander Kit (#121351)

WHAT IT DOES: Offers faster, more complete finishing work than hand sanding. The high-power motor is perfect for any job.

7 Skil 10-inch Miter Saw (#5561)

WHAT IT DOES: Makes straight crosscuts or angled cuts, including miters; comes with table extension with extension rail and horizontal clamping system to help steady the workpiece.

8 Kobalt 16-Drawer Tool Cabinet and Chest (#112374)

WHAT IT DOES: Provides portable storage for hand tools; plays music; keeps food and beverages cold with built-in refrigerator; ups the coolness factor of your shop.



9 Hitachi 10-inch Compound Miter Saw (#116704)

WHAT IT DOES: Makes miter cuts on multiple planes; offers portable power, weighing in at just over 26 pounds.

10 Skil 16-inch Scroll Saw (#10394)

WHAT IT DOES: Makes detail cuts, such as fretwork; variable speed control and LED worklight help with intricate cuts.

11 Porter-Cable Router (#77344)

WHAT IT DOES: Cuts dadoes, grooves, and rabbets; creates details such as roundovers on project edges.

12 Skil 10-inch Drill Press (#197820)

WHAT IT DOES: Drills precise holes both in angle and depth; laser guide keeps you on the mark.



**Skill Set**

Master safe, accurate use of this tool, and you'll have the skill necessary to cut large project parts.

How To Use a Circular Saw



1 Measure and mark. Use a tape measure and pencil to mark the desired dimensions needed for your project. Place blue painter's tape over these lines, and mark the dimensions again. The tape will minimize tear-out (ragged edges) on the plywood along the cut.



2 Position the board. Examine the sheet of plywood to determine which side feels smoother and has fewer imperfections. Place the better side down, with the waste (the part to be cut off) extending beyond the end of the work surface.



3 Clamp the framing square. Temporarily place the circular saw so that the blade is on the waste side of the marked line. Arrange the framing square so that one edge lines up with the side of the board facing you and the other is placed against the shoe plate of the saw. Clamp the framing square to the plywood as shown.



4 Cut the board. Making sure that the blade is not touching the board, start the saw, and then guide it along the framing square. (Starting with the blade touching the wood will result in the saw "kicking back.") Do not force the saw along the wood—let the tool do the work. At the end of the cut, immediately let go of the trigger on the saw.

Tools You'll Need



CIRCULAR SAW



CLAMPS



FRAMING SQUARE



TAPE MEASURE



PENCIL

Materials You'll Need

- ☐ 1 sheet of plywood, 3/4-inch x 2- x 2-foot*
- ☐ painter's tape

*Availability varies by market.



To find more beginner woodworking tips and projects, visit LowesCreativeIdeas.com/SkillSet.

WORKSHOP

Finishing Finesse

Follow a few simple tips to complete the final touches to your project.

After you've completed the prep work of sanding, scraping, and cleaning the project surfaces, the next steps in finishing require a **dust mask**, **sandpaper** or **steel wool**, a **drop cloth**, **solvents**, your desired finish, and applicators such as **brushes** and **pads**.

Start by thoroughly cleaning the shop the day before finishing to remove any debris, large shavings, and coarse sawdust. Then use a shop vacuum and/or compressed air to remove sanding dust and other fine residue from the project

surfaces, and place the project in a clean space. Consider using scrap wood and clear plastic sheeting to build a temporary small enclosure.

Open doors and windows, and set one or more exhaust fans near them. Use a leaf blower or similar air source to stir up the fine dust that has settled in all the nooks and crevices in your shop, and continue exhausting the air until there are no more visible dust clouds.

Make sure that the temperature and humidity levels in your finishing space are within the range recommended for the finish you are applying. Keep a fire extinguisher on hand, and invest in a metal waste can with a lid to dispose of soiled rags.

To take care of grain raising or dust settling in the first coat of finish, wet-sand the cured coat, wipe it down, and then apply additional coats as needed.



MEMBER PROFILE | BROOKE COE

A Style All Her Own

Colorful and crazy and wild—that's how Brooke Coe of Los Angeles describes her signature style. "I like to get people talking," she says. "You don't just say, 'Oh, a cabinet.' You say, 'Oh, wow!'"

Brooke's talents for design and woodworking come naturally. As a child, she helped her father renovate his 1800s-era home. "Whether we were tearing off shingles or building a barn, he never differentiated between his son and his

daughters," Brooke, 38, recalls. She credits her mother for her flair for design. "My mom will take disparate objects," she says, "and put them together in a way you just can't imagine."



When Brooke and her husband, Dave, designed and built a two-level deck as newlyweds, her passion for woodworking ignited. Always choosy about décor, she began building her own furniture. "It's the best way to get exactly what I want," she says.

As the couple's friends started contracting Brooke to design and build pieces, she decided to take the plunge: In 2003, she started

her interior design and furniture business, Huh? Designs. Why the name? One of her two sons, then 3, saw her making a table shaped like a bug and responded, "Huh?"

Brooke says woodworking is a form of relaxation. "I'll have my dust mask, goggles, and earphones on and the sander in my hands, and it just puts me in my own world," she says. "It's so calming and serene."



Let's Build Something Together™

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Pull yourself and the kids away from the TV to build a free wooden project. On select Saturdays each month, head out to your nearby Lowe's for a Build and Grow™ clinic. Watch the kids learn basic woodworking skills and build their confidence. They'll get a merit certificate, project-themed patch, apron, and goggles—all for free! For a project schedule and to sign up for a clinic at your local Lowe's, visit Lowe's.com/BuildandGrow.



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- Teaches skills with hand tools
- Encourages reading and following directions
- Offers parents and children quality time together



UPCOMING PROJECTS

OCTOBER 10, 10 A.M.

Ball Toss Game

Bring the family together for backyard competition.

OCTOBER 24, 10 A.M.

Frankenstring

Make a silly monster face for Halloween.

NOVEMBER 14, 10 A.M.

Toy Garage

It's the perfect place to park a replica of the Lowe's No. 48 race car.

NOVEMBER 21, 10 A.M.

Snowman

Pair your Lowe's gift card with this card holder.

DECEMBER 5, 10 A.M.

Gingerbread House

Let the kids build their own Christmas cottage.