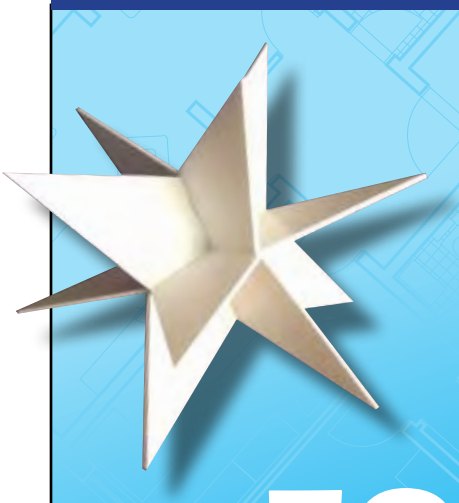
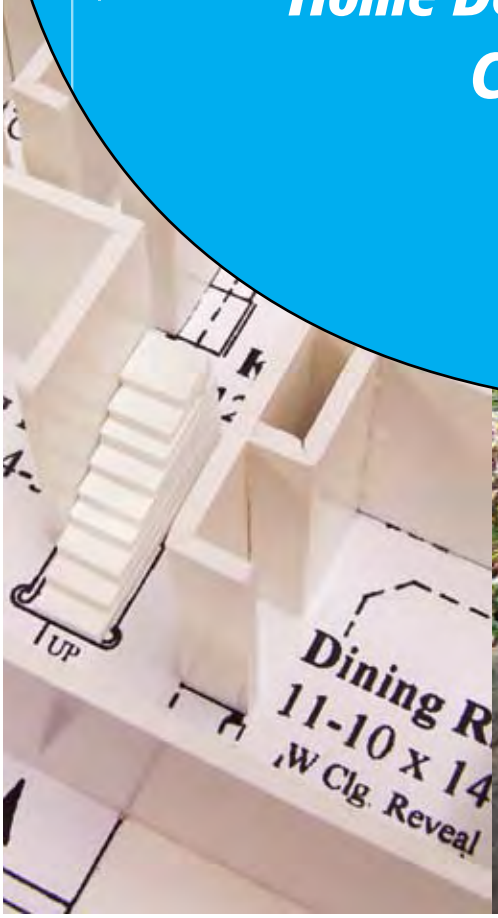


FOAMBOARD MAGIC

Creative Foamboard Projects for Home Decor, School, Architecture, Crafts and Holidays

by Eileen L. Hull



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by Eileen L. Hull

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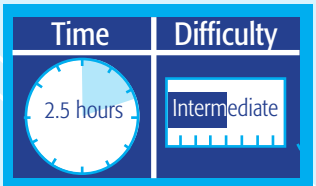


Keep it simple . . .
or challenge yourself!
Each featured project has a difficulty and time indicator. Not sure where your skills are? Start easy and work up to more challenging projects. Don't be discouraged. You will notice that none of the projects are advanced! Some may take some time, but none are difficult.

I recommend reading Chapter 1 before beginning any project. After you have an overview of the tools, you will feel prepared to handle any project.

A word about the diagrams... Always cut on the wrong side of foamboard; dotted line indicates where to cut V-groove; trim-away gray shaded area.

Use the Designer Notes sections to keep track of your thoughts and ideas, measurements, color choices and shopping list.

Mom,

You showed me how important it is to always have a project going!

Vince, thank you for your wise comments.

Hayward,
I swear I am going to clean up my studio!
Love you!

To Carl, Connie, Brian & Bruce at Logan,

It has been a pleasure working with your amazing tools & getting to know you all!

Thanks for always being there, Amy. Marla, Tina, Joayh, Patty, Paula Ann & Sandy, you are great friends.

Dawn,
I'm so glad you are part of our family - good luck in vet school!

Carol,
You are a graphic designer extraordinaire!
Thanks.

Dad,
Thanks for teaching me to think outside the box.

Find a job you love and you'll never work a day in your life.

– Confucius

Photo courtesy of Hayward Hull

Never was this quote more true than for professional crafter Eileen Hull. (Having raised four children while her husband was in the military, Eileen might argue this point.) However, her professional crafting career leaves many green with envy. Her ingenuity, resourcefulness and creativity have allowed her to make a career out of her hobby and passion—paper crafting.

Eileen is a freelance designer, specializing in three-dimensional artwork. She has owned and operated her own business, Paperwork, Etc. for twenty-five years. She continues to promote craft designs and recycling thrift store finds into new and useful items. She is author of *Matboard Magic*, also published by Logan Graphic Products. Her work has appeared in magazines, including *Crafts 'n Things, PaperWorks, CardMaker* and *Creative Home Arts.* She has also contributed projects to other books, including *101 Paper-Craft Gift Ideas, Altered Art* and *Holiday Paper Fun.* She is a member of the Craft and Hobby Association, Washington Calligrapher's Guild, and Dulles Women's Networking Group.


fome' boord- n. 1. A strong, stiff, resilient, and lightweight board of polystyrene laminated with paper on both of its sides. 2. It may be any of several thicknesses, in any of a variety of colors. 3. It is often employed as a surface on which to mount two-dimensional work, and as a material with which to construct three-dimensional work (such as architectural models). 4. Although more expensive than some other cardboards, it is preferred to them for many qualities, including the ease with which it can be cut. 5. Board with polystyrene core laminated on both sides with clay-coated paper.

I admit that I tend to be impulsive sometimes . . .

When the Logan folks approached me to write this book, I happily agreed. I had just completed my first book for them, *Matboard Magic*, and the projects for that book just seemed to flow out when they were needed. However, panic set in afterward, when I realized how little I knew about working with foamboard. And I had committed myself to writing a whole book about it!? Luckily, the new tools that Logan has come out with make working with foamboard a delight. They proved very easy to use, which made my learning curve mercifully short!

Foamboard comes in many different sizes ranging from 16" x 20" to large sheets measuring 48" x 96" or larger. It is available in colors (pastels, metallics and neons), as well as standard black, and white, which remains the most popular color choice. Widths range from 1/8" up to 3" or thicker. The finish on the outer clay-coated paper layer comes in shiny, matte, archival and non-archival quality. Flame resistant, warp resistant, heat-activated and adhesive foamboard are all other options that can be found.

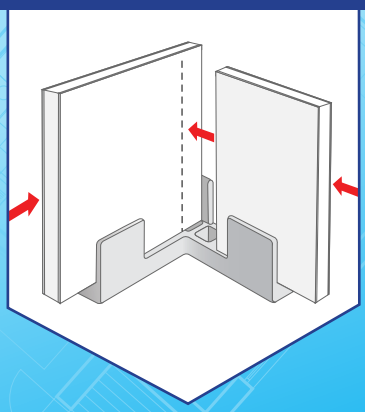
Foamboard is easily accessible and can be found in most discount, office supply, craft stores and frame shops. You can also order it on the internet. The most popular use for this material is for science projects, followed by signage and architectural modeling. Photographers and artists use this material in backing artwork because of its weight and rigidity. There is great potential for use in home décor projects.

Every project in the book is created using foamboard, although it's hard to tell by looking at some of them. Think of this material as a blank canvas for you to create art, design functional accessories and decorative accents, a basis for school or work projects or displays or signs.

I urge you to buy some foamboard and try some of these projects and techniques soon. You'll be amazed how easily things come together. Join me in making some magic!

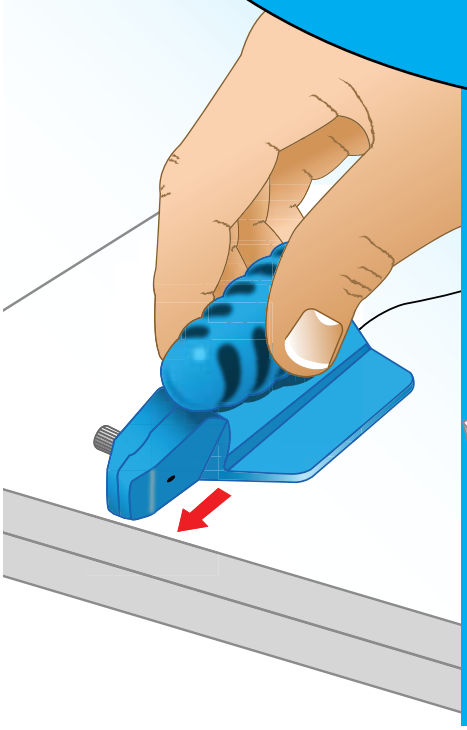
Foamboard is a very versatile material. It's lightweight, inexpensive, surprisingly strong and easy to work with. The outer paper covering that sandwiches the foam is a great surface for rubber stamping, inks, paint, stencils, chalks, and markers. You can cut it easily, punch clean holes, add grommets, cut grooves, layer panels, glue it, score it, fold and bend it. Foamboard is great for use with other materials such as paper, fabric and trim. It can be run through your die cut machine and come out both cut and embossed. This stuff is amazing and I wish I had gotten my hands on it sooner! Once you become familiar with the tools, you will be looking for the next project you can make with it.

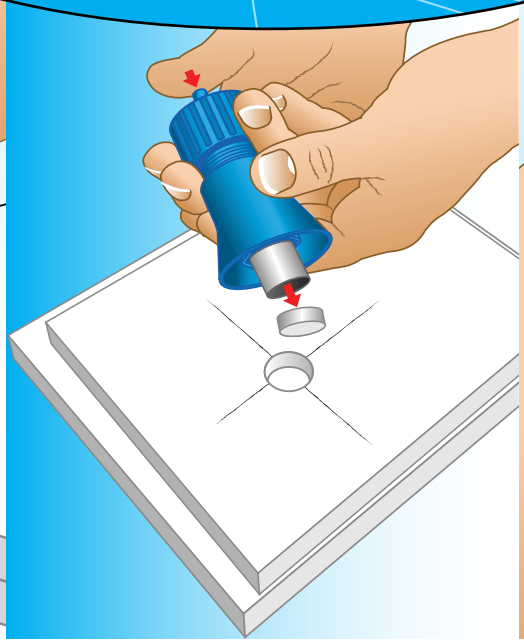
Eileen Hull surrounded by some of her "impulsive" projects.

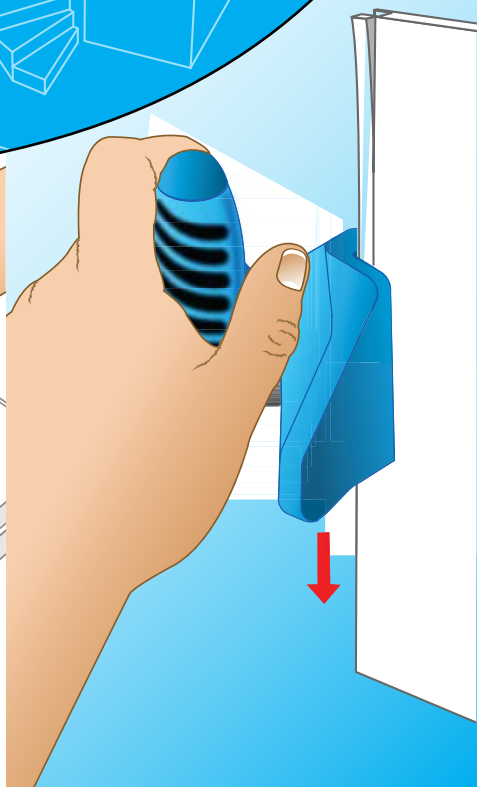


CHAPTER 1

TOOLS AND TECHNIQUES



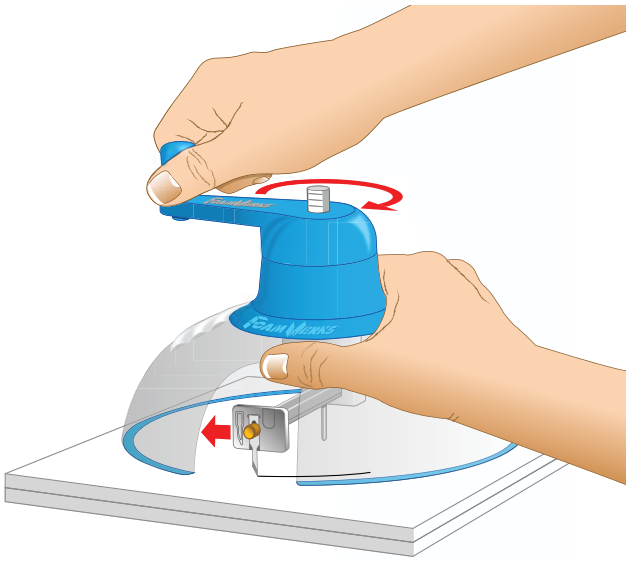




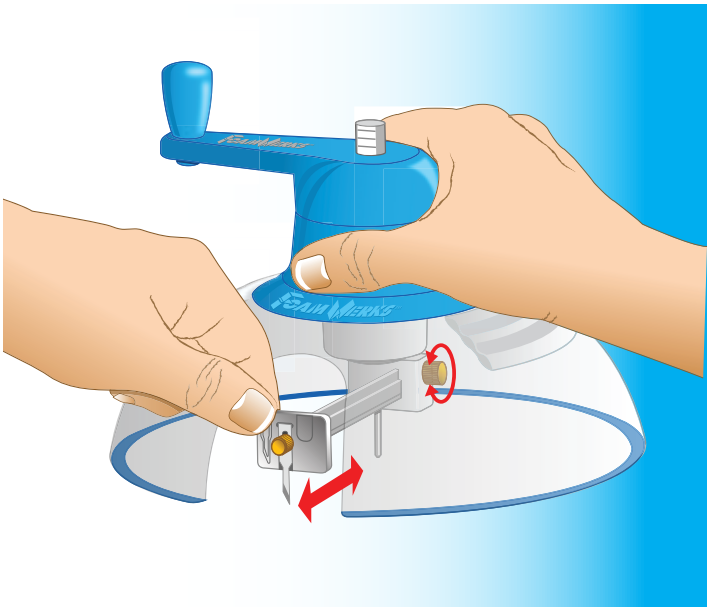
Tools and Techniques

As I mentioned in the Introduction, prior to working on this book, I probably had used foamboard as much as the next person… not a whole lot. But after using it to make the projects for this book, foamboard has become a welcome staple in my stash of materials I use on a regular basis. The tools that Logan has come out with add dramatically to the new ways in which this material may be used.

All tools should be used as recommended by the manufacturer. Remember, these are sharp cutting tools! Please use care when handling them.



FoamWerks Foamboard Circle Cutter

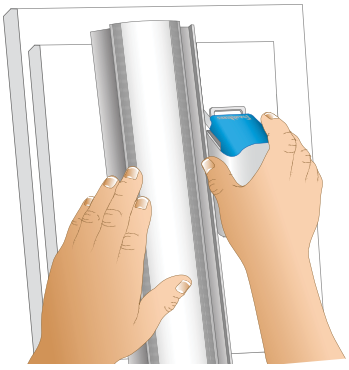


The Circle Cutter is very easy to use. The crank handle on top gradually lowers the cutting blade into the foamboard and through the bottom, creating perfect circles with perfect edges. This tool cuts any size circle between one and six inches in diameter. Make sure you have a piece of scrap foamboard underneath. It's very tempting to just keep cranking the handle "one more time" to make sure you have cut all the way through. This scrap protects your table surface. After cutting a few circles, you will be able to feel when the blade has completed the cut and your circle is ready to pop out.

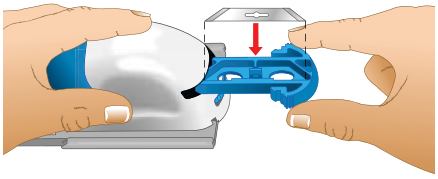
The cut out circle pieces are great for decoration because they give added dimension to any surface. You can stack them in graduated heights (see Snowman project, p. 59), use them as gameboard pieces (see Checkerboard, p. 64), bulletin board push pins (see Memo Board, p. 20) or make gift tags and postcards that can be sent through the mail.

You can also use the foamboard with circular holes cut out as part of the design. The Stationery Tray on p. 22 uses the holes as a decorative element as well as a functional handle for the tray. The Headboard found on p. 27 also uses the negative circle space as a design element. The holes can be used as a framing feature too, with photos or artwork placed behind the circle and taped in place.

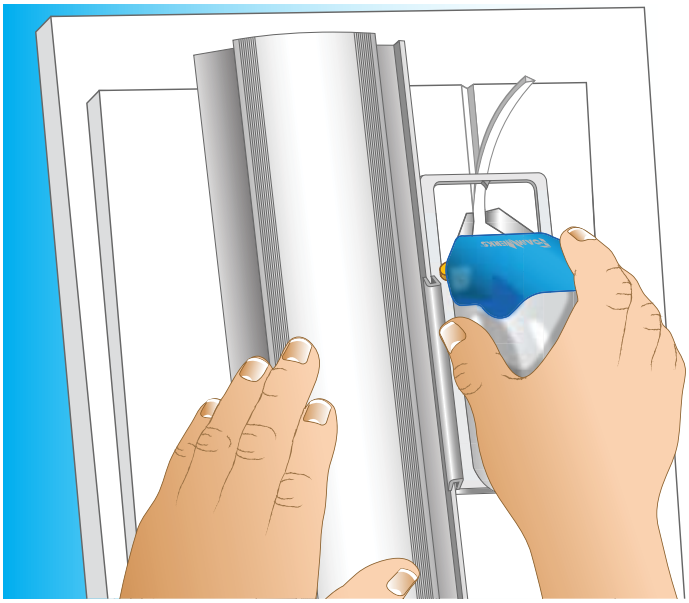
FoamWerks Foamboard Straight Cutter



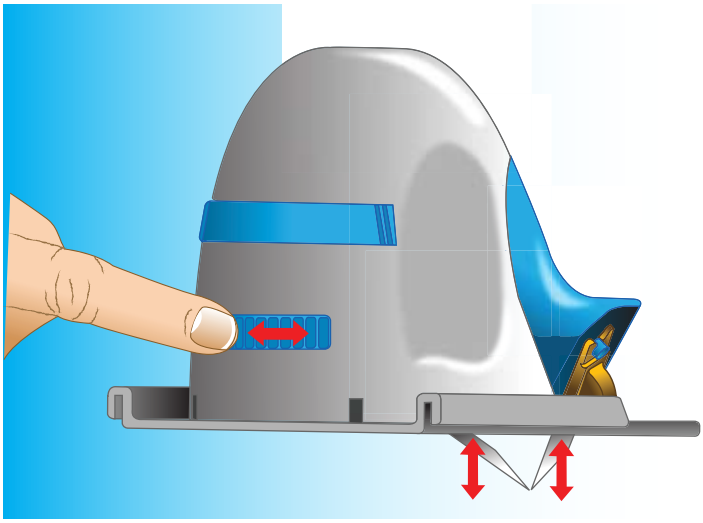
The straight cutter is great for trimming foamboard to size. The ergonomic handle is comfortable and easy to slide, either on the rail of a mat cutter, or along the edge of a T-square or straightedge. The spring action keeps the blade up when not engaged in cutting and is safe to set down on a table. This tool can cut up to ½" thickness. Handy blade storage is built into the tool.



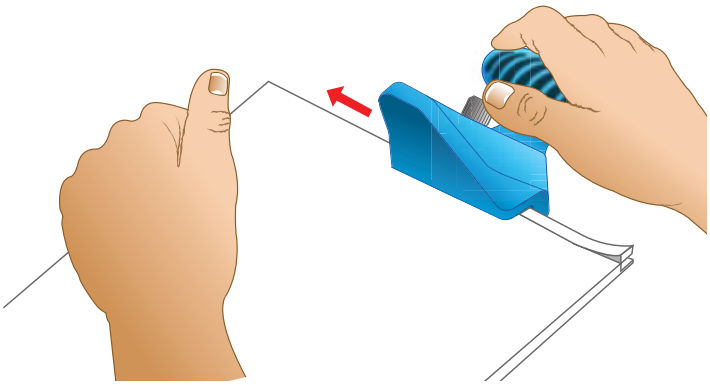
FoamWerks Foamboard V-Groove Cutter



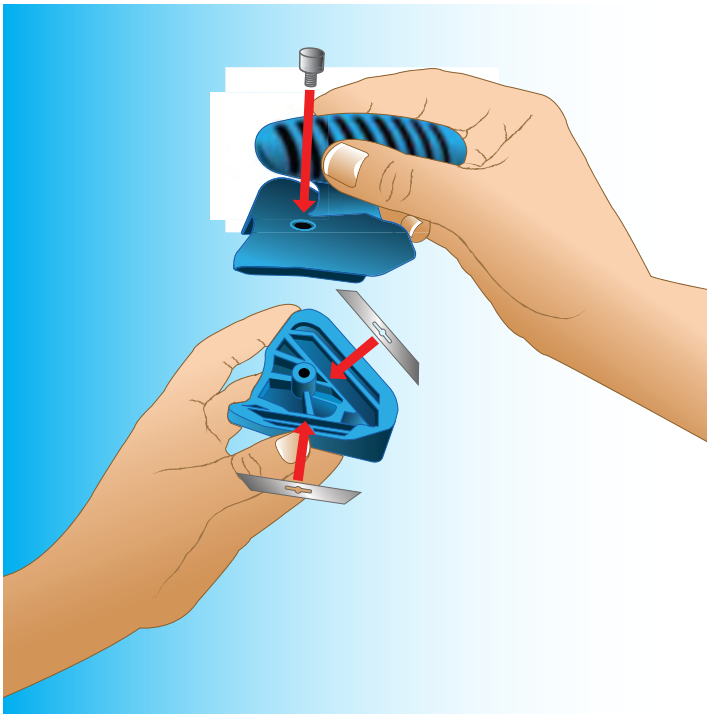
This tool is SO great! It cuts a beautiful 45-degree angle in foamboard, allowing crisp, clean joints. I use this all the time when constructing boxes or any projects where I need to have a perfect 90-degree angled corner. It is designed to be used with 1/8" to 1/2" foamboard.



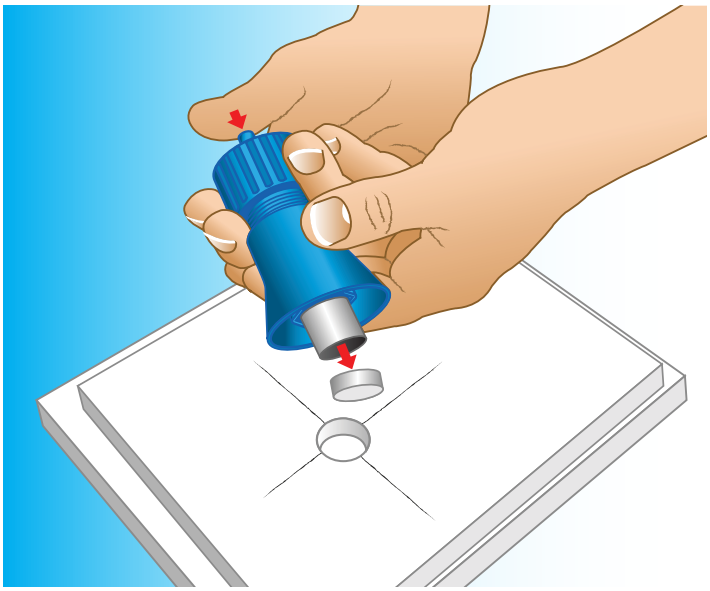
FoamWerks Foamboard Rabbet Tool



The rabbet tool trims a neat 3/16" strip of "foam filling" off the edge of a foamboard piece, leaving only a layer of paper. The concept is similar to a "lapped joint" used in woodworking. Another length of foamboard can be butted up next to it, producing a 90-degree corner. The paper edging that remains covers the angle so that no foam is showing where joined. The tool is easy to use and has a clever blade storage compartment contained in the handle.

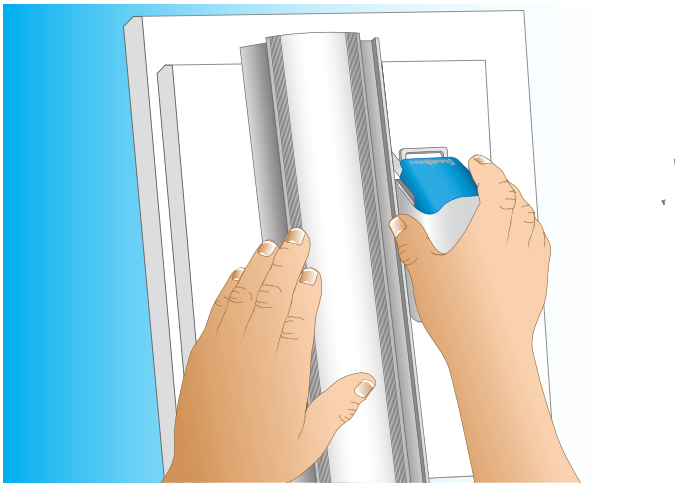


FoamWerks Hole Drill



This tool is great for cutting circles smaller than 1". This tool steps in where the circle cutter leaves off. This drill produces circles with 3/16", 5/16", 1/2", and 3/4" diameters from foamboard up to 3/16" thick. This tool can be used to drill holes where hardware will be installed. You can also make your own adhesive backed dots to add dimension to your projects.

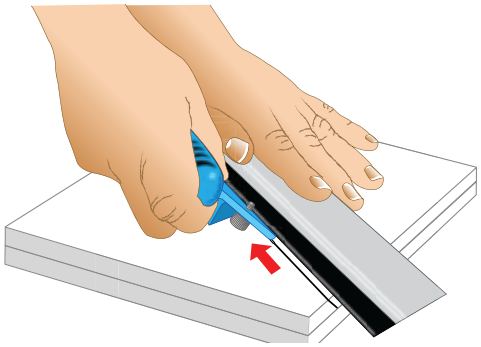
FoamWerks Foamboard Channel Rail



Use this tool as a guide rail for your FoamWerks tools. They are designed to hook into the groove of the rail to produce straight cuts. The side of the rail has a ruler for accurate cuts.

FoamWerks Foamboard Straight/Bevel Cutter

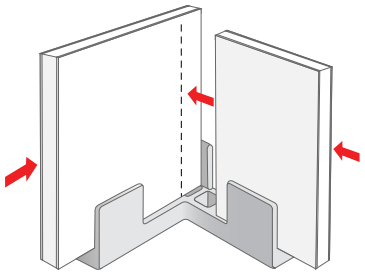
This tool cuts a 45-degree angle and is perfect for creating foamboard frames with beveled inside cuts.



FoamWerks Foamboard Tape

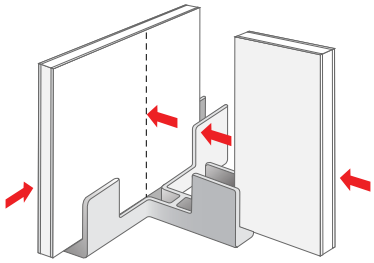
This is great tape! It is very strong yet releases cleanly from foamboard in case you need to reposition it. The color blends with the white foamboard, which is great when seaming corners and creates almost invisible joints. This tape is used in almost all of the projects in the book. Bet you can't tell where!

FoamWerks Foamboard Fasteners and Hangers

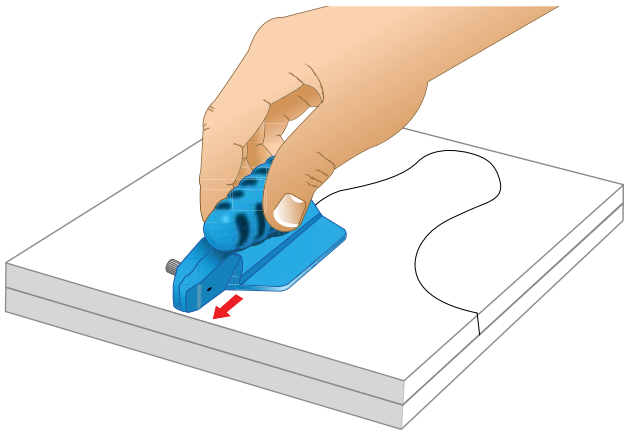


Choose from a selection of screws that work to secure foamboard to itself or other materials. The clear adjustable fastener comes with a nut attached. I like the width of the screw because it is narrow and compatible in size with the piercing tool. The snap fastener has ridges that allow you to punch the screw in and the ridges hold it in place. The T-clips and L-clips hold the foamboard snugly for glueing or assembly.

Clear plastic adhesive hangers instantly turn foamboard projects into wall art. Peel off adhesive backing, stick it on your project and hook over a nail. This hanger works for many lightweight foamboard projects. Another hanging option is the black metal sawtooth hanger that can be inserted into the board for a heavy-duty hold.

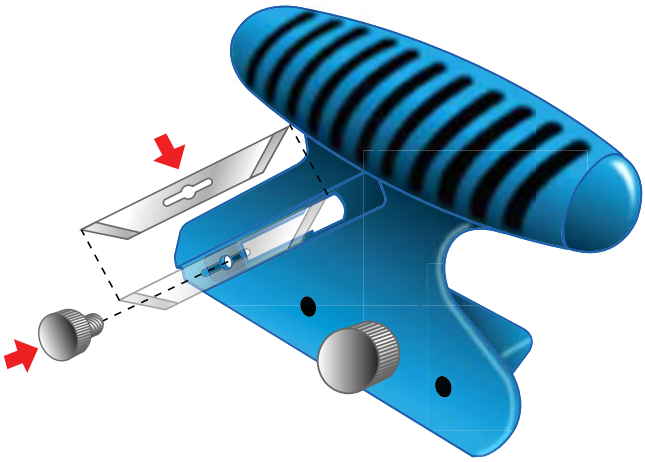


FoamWerks Foamboard Freestyle Cutter



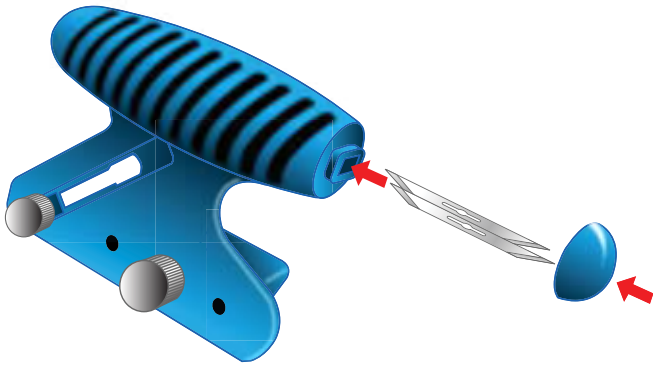
Cut free-form shapes with this inovative push-style cutter. Easy to use, just insert the blade into the foambaord and push to follow the desired shape. It features an ergonomic handle that houses an onboard blade storage compartment.

FoamWerks Foamboard Straight/Bevel Cutter



Economy and versatility combine in this multi-purpose tool. Simply rotate the angled base block and this tool transforms from a straight cutter to a bevel cutter. Features include adjustable blade depth ergonomic handle and on-board blade storage.

Replacement Blades



Always make sure you have extra blades. The greatest tool is only as good as the blade that's in it. Nothing is more frustrating than making a cut only to have the foamboard bunch, tear and shred. Most times foamboard does not heal well from a bad cut. You can try running an emery board over the paper, but usually it's easier to just start over with fresh board and a new blade.

Another cool Logan tool to use with foamboard . . .

Art Deckle 4-Way Stylus

The 4-Way Stylus is a very versatile tool. I use the punch tip to pierce holes when working with foamboard. You just mark where you'd like the hole, place the stylus on your mark and press. Turn the board over and insert point in hole and press. Keep pressing and flipping until hole is desired size. I like this method because the hole is sealed and smooth on both sides. The graduated point of the stylus gives you pretty much any size hole you need. This tool includes three other interchangable embossing tips, which are perfect for paper crafting.

You will need these items too!

- Protractor—Geometry was not my favorite subject. However, I have found I am picking up this gadget more and more often. The protractor is great for dividing circles into segments, giving perfect angles for repeat cuts, and getting consistent and exact pieces.

- Compass—The compass is a handy tool for marking circles that are too big or too small to be cut by the FoamWerks Circle Cutter. Just pick up a craft knife or the Freestyle Cutter and cut along the edges you've marked. Make sure your blade is going straight down through the foamboard.

- Pencil—When marking foamboard, try to be accurate. Press lightly and try not to dent the board. Cut exactly on the line.

- Eraser—I like the white stick erasers. They tend to leave a shiny spot where you have erased but work better than most other kinds.

- T-square—This tool is great for ensuring you have a perfect 90-degree angle when you are measuring and cutting. With many of these cutting tools, the T-square can double as a guide along which to run the tool.

- Metal ruler—A metal ruler is a necessity when working with sharp cutting tools; wood or plastic will eventually be chopped up by the blades. I like the metal ones with cork on the back to prevent slipping when a little pressure is applied against the edge.

- Glue gun—Although I have a healthy fear of the glue gun and the burns it can inflict, I continue to find it the glue of choice for foamboard projects. The glue does create a very strong bond with the paper backing as well as the polystyrene material inside. Just be careful!

- Spray adhesive—I like to use this for temporary bonds or when I am adhering paper to paper. It works great! Another way to use it is to coat selected areas or the entire project with spray adhesive and then add crystal glitter on top. Pat glitter to make sure it sticks.

- Glue—I recommend Beacon's Zip Dry Paper Glue for any other glue needs. I use it to fill when I am adding a metal hanger to a foamboard project. I make the hole where the hanger will be inserted, add a few drops of glue and place the hanger in the hole. Let dry for 15 minutes and the hanger should be secure. Because the projects are so lightweight, normally heavy duty glue is not necessary.

- Tape gun—Great tool to use for immediate, easy and strong bond. Be careful to place the tape exactly where you want it, because it does not release easily and cleanly from the foamboard.

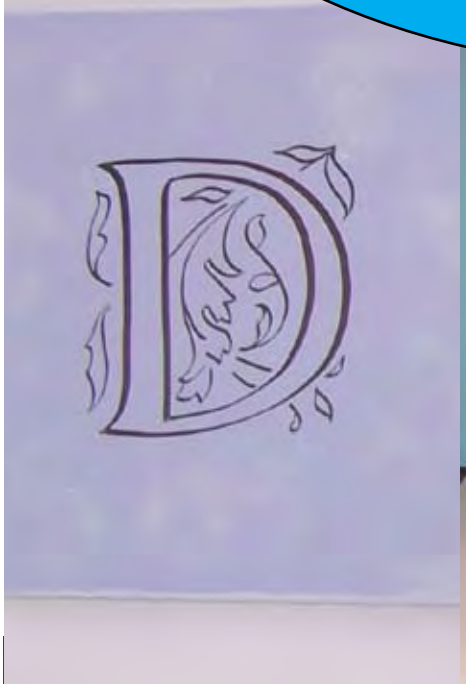
GENERAL TIPS

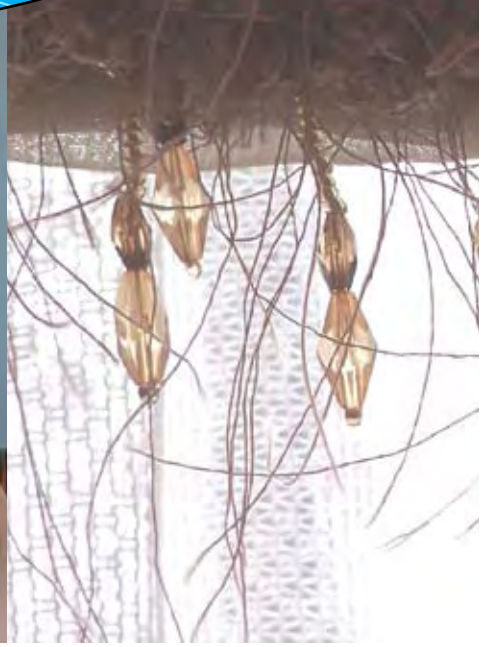
- Read all directions before using tools. Really, these blades are SHARP—which is good when you are cutting the foamboard but not when it's your hand!
- Find a surface that is comfortable to work on. Generally I use these tools standing up at a table that is about 38" high, slightly higher than an average table. Adjust measurement for your height.
- Familiarize yourself with each tool and note how to change blades. Starting each project with a fresh blade is very important and can make the difference between a finished design with sharp, clean edges or ragged, messy ones.
- Always place a scrap piece of foamboard below the piece you are working on. This protects your tabletop and absorbs any overcuts.
- Keep all drinks and liquids off work surface. They spill and will ruin your work!
- Keep hands clean and free of oily moisturizers. Not only will your hands be slippery, but your fingerprints will appear where you least desire.

DESIGNER NOTES:

CHAPTER 2

HOME DECOR





Faux Canvas Monogram Tiles

If you didn't know better, you would swear these decorative wall tiles were painted on canvas! Great accents for baby's room, too.

Time	Difficulty
2 hours	Easy

You will need:

Colored 3/16" foamboard in pink, green and lavender
FoamWerks V-Groove Cutter (WC-2001)
FoamWerks Straight Cutter (WC-6001)
FoamWerks Channel Rail (W-3001)
Black 1/2" twill tape
Tape gun
Decorative alphabet stencil or computer font enlarged and printed
Black permanent marker
White pigment stamp pad
Piece of screening
Cotton rag
Large rubber band

Instructions:

1. Using Straight Cutter and Channel Rail, cut one piece of colored foamboard 16" x 16" (this will be the largest tile that will go in the center of the arrangement. Make sure you choose colors accordingly). On WRONG (white) side of board, mark lines as seen in **Diagram 1**.
2. Cut two other pieces of different colored board 13" x 13".
3. With V-Groove Cutter, cut on dotted lines as indicated on pattern. Trim off corners. Fold sides up into box and secure temporarily with large rubber band.
4. For background, bunch cotton rag and wrap piece of screening around it. Tap screening in white stamp pad. Randomly press on to front of board to give the effect of canvas. Holding the stamp pad, drag across all edges of square to further distress board.
5. Transfer desired letters onto board, making sure to center them. Outline letters with black permanent marker.
6. Keeping rubber bands in place, run tape gun around all outer edges of folded under sides. Cover tape with black twill tape, making sure to wrap snugly around corners. This will hold sides together.
7. Hang on a nail–it's light!

Finished size: 12" x 12" x 2" and 10" x 10" x 1 1/2"

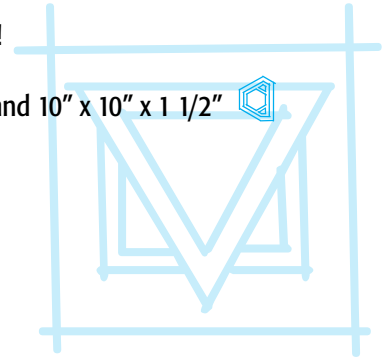
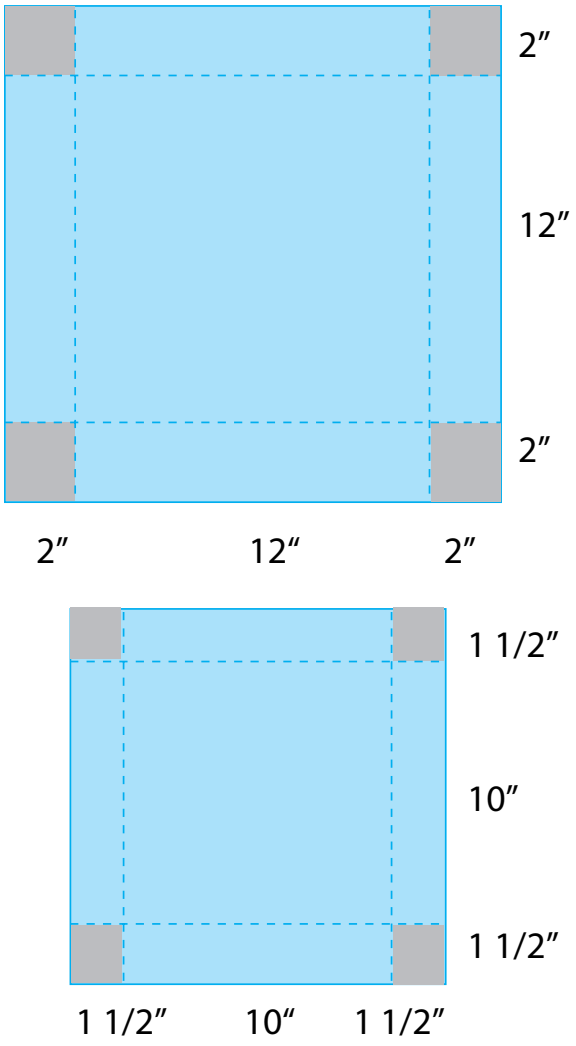


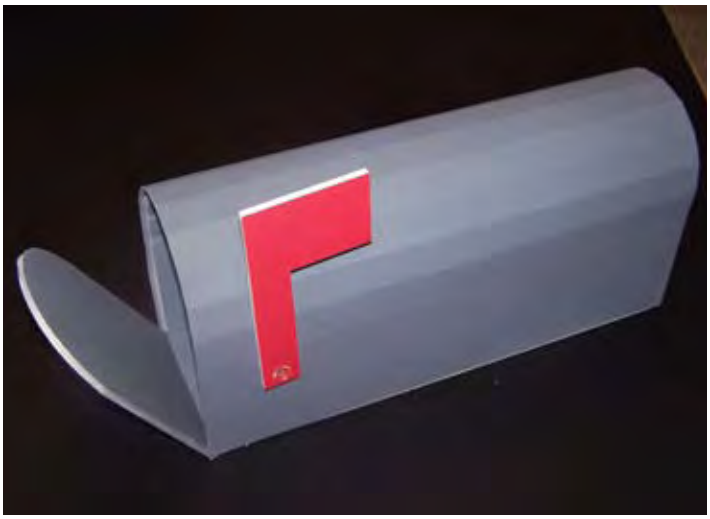
Diagram 1



DESIGNER TIPS:

There are a few ways to transfer a pattern from paper to foamboard. One way is to use a piece of graphite paper and trace over the pattern. The graphite will transfer to the surface wherever you pressed and leave what looks like a pencil mark. You can then go over it with marker or whatever you'd like for the final effect. Another method would be to take a stencil and trace around the outer edges of it in pencil, then color it in. The method I used was a variation of the graphite paper technique, aka the creative woman's graphite transfer method. I know that I own and have used graphite paper in the past. Where it was the night I wanted to do this project remains a mystery.

First, I found a decorative font on the computer that I liked and decided to do my daughter-in-law Dawn's initials. The letters were enlarged on the computer to 250 points for the larger tile and 200 points for the smaller ones. Print out letters. Turn paper over and trace the outer edges of the letters with a #2 pencil. You should be able to see to trace the edges of the paper but if not, put on lightbox. Turn paper over so design is showing. Center letter in desired place and start tracing around the outer border of letter. The pressure of the pencil transfers the graphite from the pencil mark below to the front of the foamboard. Outline letter shape with marker. You may want to use different pen widths for detail. Another option might be to color in letters or leaves with colored pencils, marker or paint.



Mailbox

Time	Difficulty
2 hours	Intermediate

Everyone loves to get mail. Make a mailbox for each child and leave lunch money, signed test papers and surprise notes for them!

You will need:

White foamboard
Scrap of red foamboard
FoamWerks Adjustable Fastener (W-5001 Accessory Kit)
FoamWerks V-Groove Cutter (WC-2001)
FoamWerks Straight Cutter (WC-6001)
FoamWerks Hole Drill (WD-8010)
FoamWerks Channel Rail (W-3001)
Magnetic spray paint
Glue gun

Instructions:

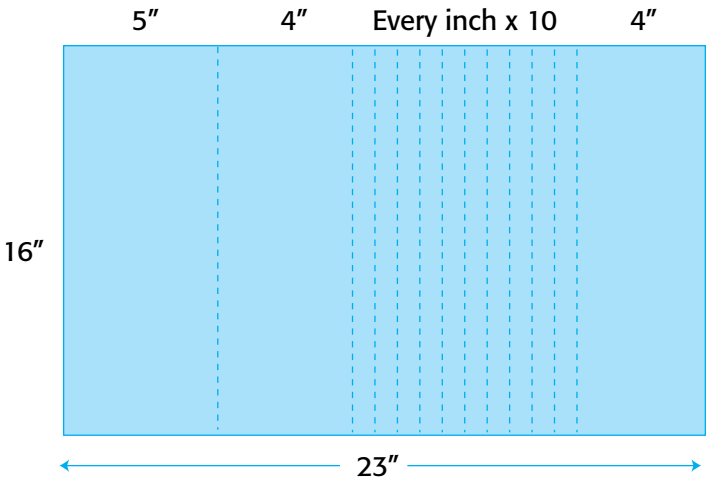
1. Using Straight Cutter and Channel Rail, cut board 16" x 23" and two end pieces 5 1/4" x 7 1/2" (see **Diagram 2**).
2. All dotted lines on diagram are cut using V-Groove Cutter. Trim off both ends of mailbox body using Rabbet Cutter, leaving room for arched sections inside.
3. Spray front and back of foamboard pieces with magnetic paint. Let dry. The more coats of paint you put on, the stronger the magnetic hold will be. Follow directions as indicated on can.
4. Cut out flag from red foamboard. Make hole at bottom of flag with Hole Drill and 0.18" Drill Tip. Position on mailbox and line up where flag will go. Drill corresponding hole in side of mailbox. Align holes and screw pin and nut into mailbox.
5. Bend into mailbox shape, with the 5" section the base. Fit the two arched shapes into back and front of box. On back end, set flap in place and attach to box with glue gun.
6. Looking to see where flap aligns with front of mailbox, stick pin in through side of mailbox and into side of flap to create a working flap for the mailbox.

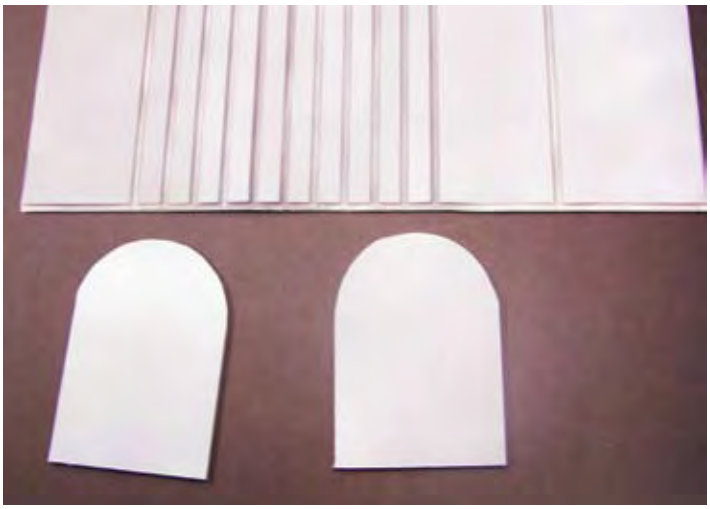
DESIGNER TIPS:

Make a mailbox, paint it red and use as a Valentine post office. Decorate one with stencils and greens for the holidays and use it as an attractive Christmas card display. Leave one out on your front porch for special deliveries and pick-ups.

Finished size: 16" x 7 ½" x 5"

Diagram 2





Graphic Memo Board

Time	Difficulty
1.5 hours	Easy

Looking for a fun, quick, easy and inexpensive project? This is the one for you. And don't stop with the memo board—complete the set with the tissue box cover and stationery tray. Only a yard and a half of fabric covers it all. Highlight the design with fabric markers, crayons or paint for an extra splash of color.

You will need:

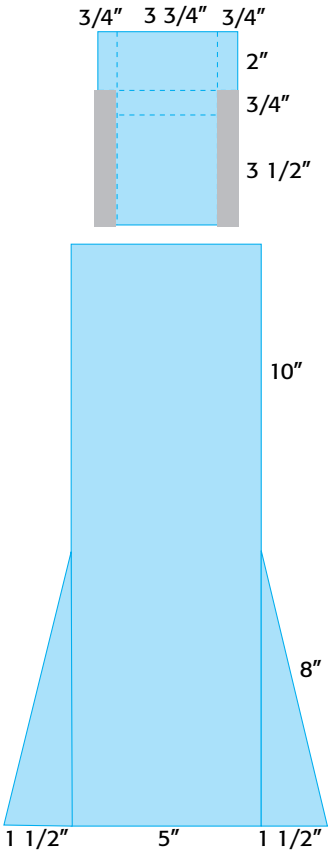
FoamWerks V-Groove Cutter (WC-2001)
FoamWerks Straight Cutter (WC-6001)
FoamWerks Channel Rail (W-3001)
2 sheets of 3/16" foamboard
Scraps of black foamboard
5/8 yard print fabric
5/8 yard batting or felt
4 coordinating ribbons/trim—one wide others narrow
Glue gun
Paper glue
Clear head push pins
White paint marker or gel pen
Black permanent marker

Instructions:

Memo Board

1. Using Straight Cutter and Channel Rail, cut boards to 22" x 28".
2. Trim batting to size—two layers—22" x 28".
3. Measure and cut fabric to wrap around board with about 2" extra all around. Press fabric.
4. Spray adhesive to the front of the board and lay batting on top. Apply double-sided tape to back side edges. Wrap fabric over batting and around back, stretching tight in front and smoothing out any wrinkles. Press fabric on back into place.
5. Lay wide trim across top of board and bring to back and adhere. Lay other trim on top of wide border and wrap to back.
6. Glue trim every 6" to fabric.
7. Add diagonal strips of leftover ribbon on bottom corners to hold ticket stubs and memos. Tape into position behind board.
8. With ribbon scraps, make 2 loops for hanging on top corners of board. Adhere in place.
9. Tuck all fabric in and glue board to backing sheet of foamboard with glue gun.

Diagram 3



Envelope holder:

1. Using V-Groove Cutter and Channel Rail, cut black foamboard piece measuring 8" x 20", as seen in **Diagram 3.**
2. Fold up into pocket. Run line of tape across back of ½" wide ribbon. Wrap around front of envelope holder to back and secure pocket together. Below ribbon, in white marker, write "mail". Adhere in desired place when board is complete with glue gun.

Note holder:

1. Cut piece of white foamboard to size as seen in **Diagram 3** using Straight Cutter. Use V-Groove Cutter to cut all other lines.
2. Trim off excess board from corners. Fold into pocket. Run line of tape across back of 1/4" wide ribbon. Wrap around front of note holder and secure pocket in back. Below ribbon, in black marker, write "notes". Adhere in desired place with glue gun once board is complete.

Decorated tacks:

1. Punch flower shapes from black and white paper. Punch 1" circles in both colors. Layer black flower on white circle and vice versa for an array of different combinations.
2. Put a dab of glue at the base of the push pin. Press the pin down into the center of the flower and let dry in place.
3. Arrange all tacks on a scrap of black foamboard at the bottom of the memo board. Glue black piece in desired position when memo board is complete.

Finished size: 22" x 28"

Stationery Tray

Time	Difficulty
1.5 hours	Intermediate

Trays are handy for a lot of things. Not only are they decorative, but they are functional as well. If you were to tour my house–you'd probably see at least one in each room of my house-holding jewelry, hair supplies, food, drinks, and, last but not least, stationery! A tray anchors a group of objects and makes them a collection. Gather your pen, bills, calculator, checkbook, stamps and envelopes and you have a bill paying tray that you can take with you outside or into the kitchen while making dinner. When not in use, it still looks pretty on the desk.

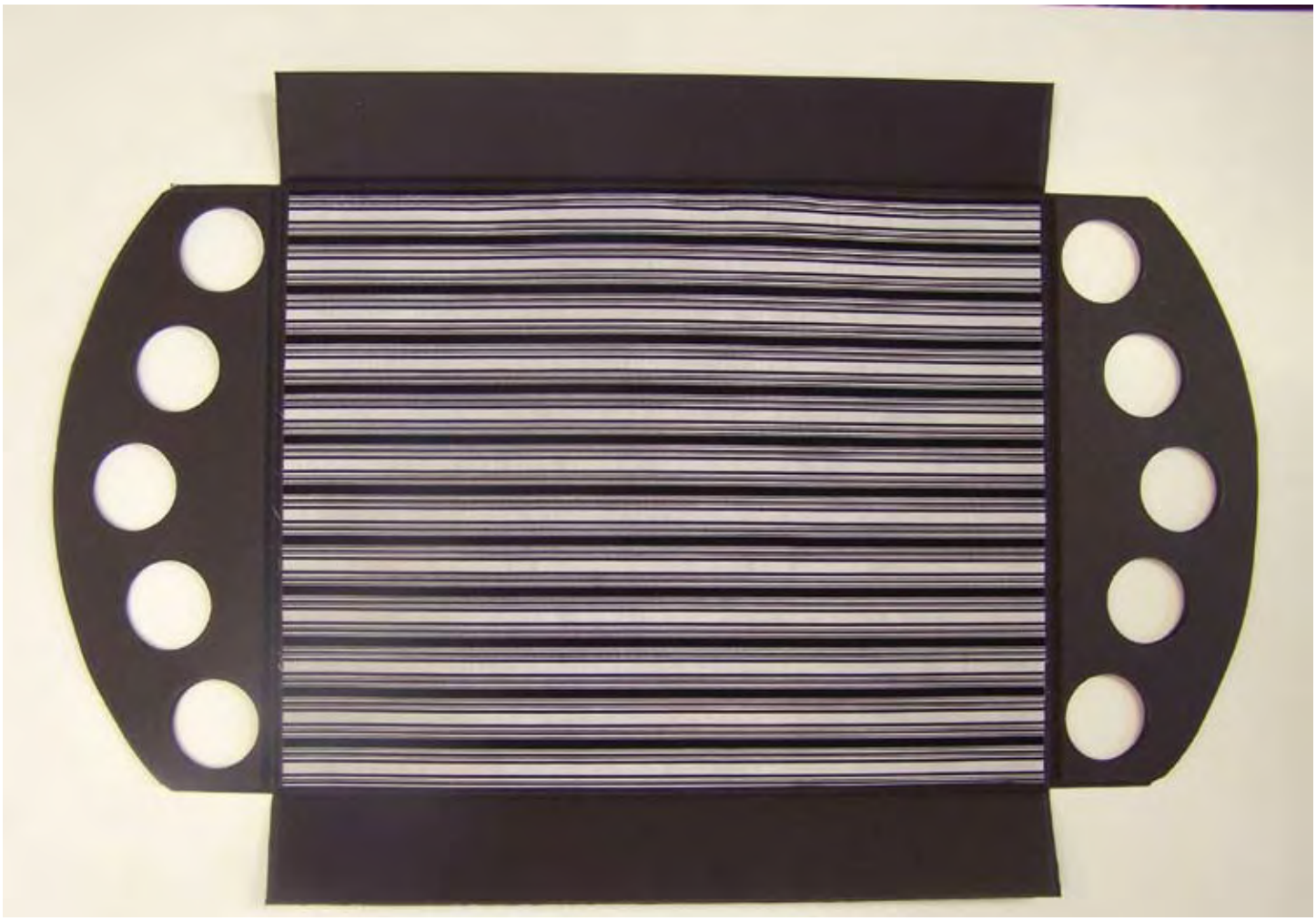
You will need:

Black 3/16" foamboard
Coordinating fabric
FoamWerks V-Groove Cutter (WC-2001)
FoamWerks Straight Cutter (WC-6001)
FoamWerks Freestyle Cutter (WB-6020)
FoamWerks Hole Drill (WD-8010)
FoamWerks Channel Rail (W-3001)
FoamWerks Circle Cutter (WA-8001)
Spray adhesive
Ribbon
11" x 14" piece of glass (optional)

Instructions:

1. Using Straight Cutter and Channel Rail, cut foam 22 1/2" x 15 1/2".
2. Measure and mark 2" border on long sides and 4" borders on short sides.
3. On short ends (handles) mark off 5 circles in an arch shape.
4. TIP–first find the center measurement and mark it about 1 1/4" from the top of the tray. Then measure off every 2 1/4", gradually sloping toward the bottom of the tray. Cut a sample circle about 11/2" and punch small hole in center. Poke holes in circle centers where you have marked circle positions on the handle. Line 2 circle centers up and trace discs on handle. Cut out circles using Circle Cutter. Using Freestyle Cutter, round off end of tray to meet side corner.
5. Using V-Groove Cutter, cut all lines and remove excess foam. Cut off unnecessary corners.
6. Cut fabric to size of inner tray dimensions. Spray back of fabric with spray adhesive. Lay on tray. Place clean 11" x 14" glass on top if desired.
7. Punch a small hole at the top of each side of all corners. Lace waxed twine, ribbon, or wire through openings and tie, securing tray together.
8. With tape gun, adhere 3 leftover black circles cut from handles to each other. Then adhere each set to base of tray in corners as feet.

Finished size: 11" x 14" x 4 1/2"



DESIGNER TIPS:

This tray can be personalized by adding photos to the surface of the foamboard instead of fabric. Arrange pictures on tray, adding stickers, stamped accents or other flat embellishments as desired. Or insert your child's artwork, add glass on top and send to grandparents. Weave ribbon over and under to make a pretty border. Paint or stencil a design in the middle. Don't forget to sign your work of art!

Tissue Box

Time	Difficulty
1 hour	Intermediate

I always keep a box of tissues on my desk close at hand. It seems a day does not go by without someone sending me an email that makes me cry! These tissue box covers are very quick and easy to do. Whip one up in coordinating fabric for every room in the house. Or give as a get well gift to a sick friend (include the tissues!). Send one off with your college student as a comforting reminder of home. Use leftover fabric and trim to decorate the box.

You will need:

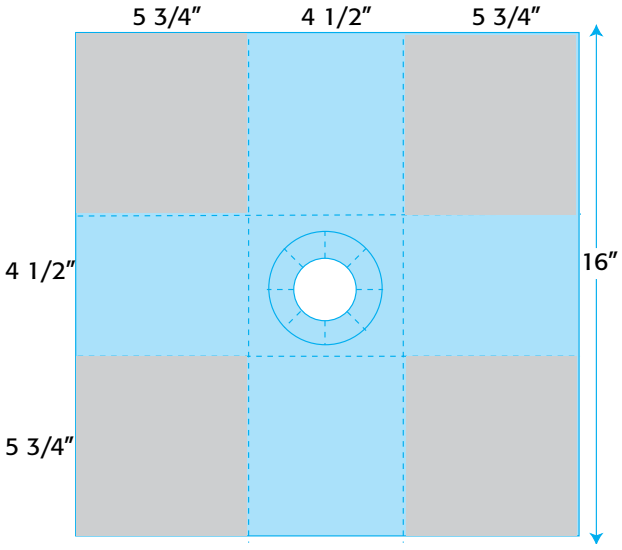
3/16" foamboard
FoamWerks V-Groove Cutter (WC-2001)
FoamWerks Straight Cutter (WC-6001)
FoamWerks Circle Cutter (WA-8001)
FoamWerks Hole Drill (WD-8010)
FoamWerks Channel Rail (W-3001)
1/2 yard of fabric
1/2 yard of batting or white felt
Coordinating ribbon and trim
Tape gun
Spray adhesive
Glue gun
Large rubber band

Instructions:

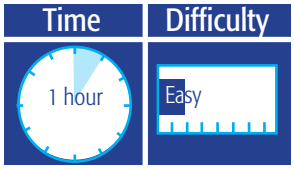
1. Measure tissue box and note dimensions. Each brand differs slightly. Directions are given for a box 5 1/2" x 4 1/2" x 4 1/2". Make changes according to dimensions of your box.
2. Cut batting to 17" square.
3. Cut fabric to 18" square.
4. Using Straight Cutter and Channel Rail, cut foamboard 16" square.
5. With V-Groove Cutter, make cuts as seen in **Diagram 4.** With Circle Cutter, cut a 2 1/2" circle centered in the top of the box for the tissue opening. Trim off excess board from each corner.
6. Trace outline of box onto batting and trim off excess from corners and in circle. On right side, cover box with a coat of spray adhesive. Lay batting over box, and adhere all over. Lay fabric under box and trace. Trim excess fabric but leave some room to tuck under box edges for smooth corners. Run tape gun around the bottom of each side inside the box. Fold fabric up underneath and press to adhere in place. For sides of box, run a line of tape close to the edge on the wrong sides of all flaps. Wrap fabric around to back and press to secure.
7. For circle opening, cut a 2" hole and snip fabric about every 1/2" in close to the edge of the opening. Run a line of tape just inside the circle opening on the wrong side. Wrap fabric under circle cutout and smooth out.
8. Fold box together and put a rubber band around it to hold in place. Trim ribbon to size. Glue with glue gun around box on top, bottom and surrounding circle opening. Remove rubber bands after glue has set.

Finished size: 5 3/4" x 4 3/4" x 4 3/4"

Diagram 4



Valance Fabric Wrap



No one will guess that under this luxurious fabric and beautiful beaded trim is an ordinary piece of foamboard. Light and airy, quick and easy–you'll want to make a valance for every room in your home.

You will need:

3/16" white foamboard
1/2 yard damask fabric
1 1/2 yards of 60" wide sheer fabric in a coordinating color
FoamWerks V-Groove Cutter (WC-2001)
FoamWerks Straight Cutter (WC-6001)
FoamWerks Hole Drill (WD-8010)
FoamWerks Adjustable Fasteners (W-5001 Accessory Kit)
Tape gun
Beaded trim
Spray adhesive
Heavy-duty mounting tape
Drywall screws

Instructions:

1. Cut foamboard as shown in **Diagram 5**. Add V-grooves where dotted lines indicate on diagram.
2. Pierce 2 small holes on each end of the support pieces, one set to attach brackets to main body of foamboard and the other to attach to wall. Lay support piece on top of valance board and poke holes to mark position. Using the Hole Drill and 0.18" Drill Tip, drill holes in each end of valance as shown.
3. Lay valance board on top of support piece and join with clear adjustable fasteners. Support piece will wrap around to the back of the wall.
4. Cut damask fabric so front of valance is covered with 2" extra on top and bottom. Run the tape gun across the whole top and bottom of board. Pull fabric around from front to back, keeping fabric smooth to board. Cut a piece of damask to fit the back of the valance. Cover with spray adhesive and adhere to the back of the board.
5. Cut sheer fabric piece in half going down the middle.
6. Anchor sheer fabric at one end with a tack or pin. Start wrapping sheer fabric over damask and around the valance board, draping and positioning as you go. Tuck end in and start new piece when necessary. Anchor end with another pin or tack. Fluff fabric till it's to your liking.
7. Add beaded trim to bottom of valance. Pin or glue in place.
8. Valance may be hung with hook-and-loop tape, mounting tape or screwed into the wall.

DESIGNER TIPS:

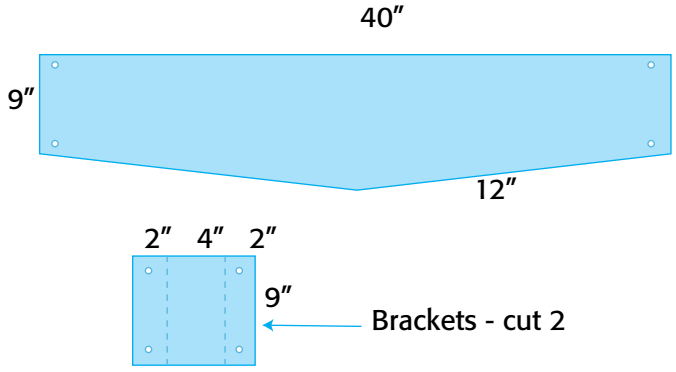
Before mounting piece to wall, take note of the hardware already in place. You may have to cut away or adapt side brackets to accommodate existing hardware. I used foam tape to secure but also reinforced with screws to ensure valance will stay in place. The amount of strength needed to hold valance in place is dependent on the bulk and weight of fabric used. If it looks like the tape is peeling away, reinforce the brackets or you will come downstairs one day and it will all be on the floor. Believe me, I know…

Other ideas:

Cut valances in different shapes and wrap with other fabrics or change with the seasons. A fleece plaid would look so cozy in the winter… or denim in a boy's room… or a vintage tablecloth in your dining room. Add accents such as buttons, silk flowers, trim, rickrack, ribbon or old jewelry to personalize.

Finished size: 40" x 12" x 4"

Diagram 5



Copper Planter

Time	Difficulty
1 hour	Easy

Whip up one of these for your kitchen windowsill. Fresh herbs may be picked and thrown into soups and sauces as you cook! Use foamboard scraps to make signs so you remember what you are growing. Use a wooden skewer as a plant stake.

You will need:

Copper-colored foamboard
FoamWerks Straight Cutter (WC-6001)
Pencil and Ruler
2 yards of coordinating ribbon
Glue gun

Instructions:

1. Cut a piece of copper foamboard 30" x 12".
2. Draw a very long flat trapezoid pattern piece as a pattern. Transfer to board and trim to size.
3. Score every 4" for lengthwise cuts. Score 4" on each end. Trim off excess corners.
4. Fold into box shape and hold in place with glue gun.

DESIGNER TIPS:

Another reason to love this stuff: foamboard is water resistant. Even if you water your plants and they leak a little out the bottom of the pot, the water will eventually dry up with no harm done to the board!

Finished size: 30" x 4"

HeadBoard & Hangers

Here are a few more ideas to inspire your own creative ideas for Home Decor projects.

CHAPTER 3

SCRAPBOOK STATION

Scrapbook Station

Why is it when you go looking for containers to store scrapbook paper and other crafting supplies, either you can't find exactly what you want or, if you do find what you want, it's too expensive? Well, now that does not have to be an issue. If you can picture what you want and draw it out on paper, it probably can be constructed using foamboard and Logan's FoamWerks tools!

This paper stacker was planned, laid out and finished in one evening. Take a pad of graph paper and analyze your space. Ask these questions:

- How much room do I have for storage?
- What items do I want to store?
- What size are they? How many do I have?
- Is there room for expansion?
- What colors inspire me to work?
- What will work within the constraints/decor of my room?

I find that working in a modular system works best for me. If I want to take my markers upstairs to work on a project, I grab the container and go. Storing like items together makes them easy to find when you need them. I'm not saying I do this all the time, but I know it does work!

TECHNIQUE:

Covering foamboard using spray adhesive

One of the benefits of working with foamboard is its size, with a standard board measuring 32" x 40". This gives you quite a large area to work with. To add a pattern, color or texture quickly to the outer covering of foamboard, you will need a wide roll of paper. This piece is covered with gift wrap. For the sample, I wanted some really cool retro paper so I spent $5 per roll, thinking it would be a nice heavy weight. However, it was the same (thin) weight as some coordinating wrap I found in a discount store. It worked like a charm. Experiment with all different weights of paper, gift wrap, wallpaper and use the patterns and colors you like best.

In a well-ventilated area, lay a drop cloth down on the floor. Place your foamboard down and evenly coat the board with spray adhesive. Carefully unroll the gift wrap onto the board, and press down, smoothing out bubbles as you go. Trim edges with Logan mat knife or cut off excess with scissors butted up to the edge of the board. Work fairly quickly because the glue eventually dries up and the paper doesn't stick as well. If you are working with stripes or plaids, make sure to line them up carefully along the edge or your design will not look square. If you get bubbles and can't smooth them out, take a pin and pop them, then press down paper.

Scrap and Tote

Time	Difficulty
2.5 hours	Intermediate

Not only can you make a scrapbook station to store your supplies, but also create a beautiful tote to take projects along with you to cropping events, vacation or anytime you're on the go. Use this to store your recent projects while not in use when traveling. How nice that it coordinates with the other pieces!

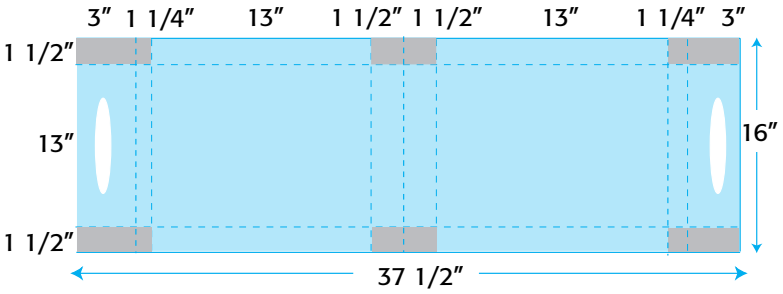
You will need:

3/16" foamboard
Matboard in a coordinating color–12 1/2" x 12 1/2"
FoamWerks V-Groove Cutter (WC-2001)
FoamWerks Straight Cutter (WC-6001)
FoamWerks Freestyle Cutter (WB-6020)
FoamWerks Hole Drill (WD-8010)
FoamWerks Channel Rail (W-3001)
FoamWerks Tape (W-5003)
Spray adhesive
Gift wrap
Elastic cording
Cellophane bags
Pencil

Instructions for box:

1. Prepare board as directed for double-sided covering if desired.
2. Cut board 37 1/2" x 16".
3. Measure and mark lines as shown on **Diagram1.**

Diagram 1



4. Cut all dotted lines with V-groove Cutter and remove excess foam. Trim edges where indicated. Cut handles with Freestyle Cutter. Round edges of handle. Bend into box shape.
5. Reinforce hinge in middle with white tape.
6. Measure and cut ribbon to cover the perimeter of the box on top and bottom. Apply double-sided tape to the back of the ribbon and wrap around the top and bottom sides of the box.
7. Paper corners are used to hold current page in place while traveling. To make corners, cut a 5" square of paper and fold on the diagonal and then fold again, ending with a triangle. Open up paper and cut out one of the triangles. Refold and use tape gun to stick down in each corner. Repeat in each corner.

Tool panel:

1. Determine what tools and supplies you would like to carry in the box. Lay them out and find an arrangement that pleases you. Sample project has 5 markers, scissors, ruler, cellophane bag of stickers, eyelets and rubber stamp set, but feel free to accessorize as you wish. When you have found a good arrangement on the 12 1/2" square board, start marking where holes should be punched to keep tools in place. On mat, punch out holes.
2. Take a length of elastic cording and weave in and out of holes to create a firm grip for your tools, knotting cord on one end. When your holders are all laced, knot cording on other end and trim. Place inside tray. Extra paper may be stored underneath tool panel.

Finished size: 13" x 13" x 3"

Paper Stacker

This looks a little intimidating but is really quite easy if you follow the pattern exactly. Use this stacker to hold your 12" x 12" scrapbook papers. It keeps them close at hand and easy to access.

Time	Difficulty
2.5 hours	Intermediate

You will need:

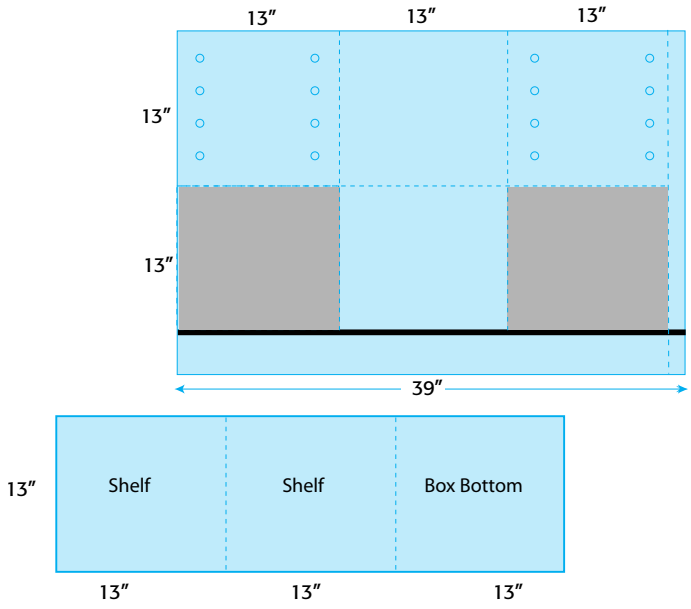
3/16" foamboard
FoamWerks V-Groove Cutter (WC-2001)
FoamWerks Straight Cutter (WC-6001)
FoamWerks Freestyle Cutter (WB-6020)
FoamWerks Rabbet Cutter (WC-4010)
FoamWerks Channel Rail (W-3001)
FoamWerks Tape (W-5003)
FoamWerks Hole Drill (WD-8010)
FoamWerks Adjustable Fasteners (W-5001 remove nuts)
1" wide coordinating ribbon (3)
2 rolls of gift wrap in coordinating prints and colors
Spray adhesive
Tape gun
Pencil
Krylon® Preserve-It!

Instructions:

You will need a large area in which to work. If all else fails, clear off the dining room table and spread everything out there. Outside is best for spraying on adhesive.

1. Following instructions above, adhere papers to front and back of both sheets of board. Trim board to desired measurements found on pattern piece (**Diagram 2**).
2. Referring to pattern, measure and mark lines on foamboard where V-grooves are desired. Position V-Groove Cutter so line is right in between two blades and butted against ruler. Engage blade in board and pull down entire length of board. Make other cuts in the same way.
3. Remove excess foam and bend into box shape. Measure exact size desired for 4 shelves. Trim down 2 boards removed from box corners and cut 2 more from other piece of board.
4. Use Rabbet Cutter to cut down entire length of side where bottom piece of board will be inserted.
5. Mark every 2 1/2" down inside of box on two sides facing each other, indicating where a hole will be made to accommodate clear screws to hold up shelves. Punch holes on front and back of board with FoamWerks Hole Drill. Insert screws into holes with cap on the outside of the box.
6. Measure and trim piece from half sheet to fit on bottom of box.
7. Assemble box. Lay a line of double-sided tape with tape gun on each length of ribbon. Wrap them around box. At corners, make sure to wrap tightly around the next corner so box keeps its shape.
8. To keep box from getting dirty, spray with digital photo & paper protectant spray following directions on can.

Diagram 2



DESIGNER TIP:

On a large project like this, it's better to use a thicker board. The thicker it is, the more weight it can hold and also keeps its shape better.

Finished size: 13" x 13" x 13"

Storage Cubbies

These are the perfect place to store CD's or DVD's. Make some matboard file dividers to keep media organized. Long-handled paintbrushes, markers, sewing scissors, rulers and tools can all be kept in the box with the divider. Boxes can be laid on the side or upright.

Time	Difficulty
1.5 hours	Intermediate

You will need:

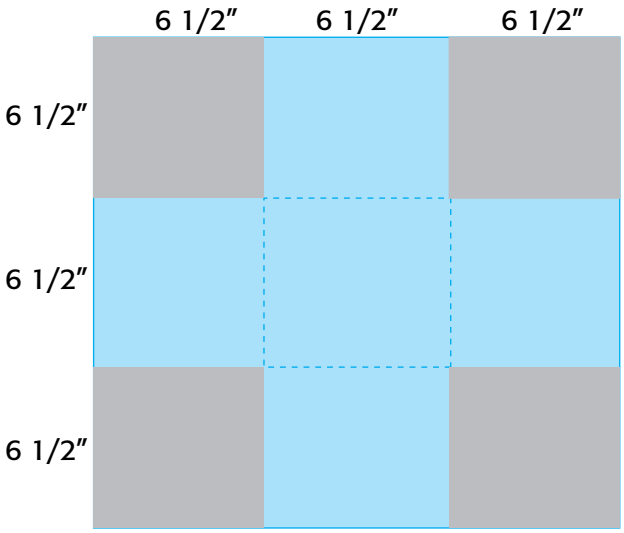
1 sheet foamboard 3/16"
2 rolls gift wrap
FoamWerks V-Groove Cutter (WC-2001)
FoamWerks Straight Cutter (WC-6001)
FoamWerks Freestyle Cutter (WB-6020)
FoamWerks Rabbet Cutter (WC-4010)
FoamWerks Channel Rail (W-3001)
Spray adhesive
Ribbon
Clear-drying paper glue
Large rubber band

Instructions:

1. See directions on pg. 29 for adhering paper to board. Prepare board as desired.
2. Measure and mark pattern on foamboard. See **Diagram 3**
3. Using V-groove Cutter, cut where indicated on the WRONG SIDE of board. Trim off corner sections and put aside for future use. Remove excess foam.
4. Fold up into a box and wrap a rubber band around it to maintain shape.
5. With the tape gun, run a line of tape along the back of the ribbon. Wrap ribbon around the top of the box starting about 1" down. Continue around box, making sure to keep corners tight.
6. For box dividers, measure inside the box from wall to wall. Using Straight Cutter and two of the four corners you trimmed off to make the box, cut 2 squares to fit inside box. See **Diagram 4**, pg. 33 and cut a notch in each board to make a cross-shaped divider. Place boxes together at notch and slide down together. Place inside box. If you want to keep it in place, use a little glue all around the base of the divider, press into place and let dry.

Finished size: 6 ½" x 6 ½" x 6 ½"

Diagram 3



Small Storage Drawers

You will need:

Time	Difficulty
.5 hours	Easy

1 sheet foamboard
2 rolls gift wrap
FoamWerks Straight Cutter (WC-6001)
FoamWerks Rabbet Cutter (WC-4010)
FoamWerks Channel Rail (W-3001)
FoamWerks V-Groove Cutter (WC-2001)
Spray adhesive
Ribbon
Clear-drying paper glue

Instructions:

1. Cover both sides of board with gift wrap as described in beginning of chapter.
2. Cut boxes to size as in **Diagram 5**. Mark and measure cutting lines to box. Cut down lines with V-groove Cutter. Remove excess foam from cut. Trim off edges and put aside.
3. Fold up drawer into box. Secure box with ribbon as described in previous projects.

Finished size: 3 1/4" x 6 1/2" x 3 1/4"

Diagram 4

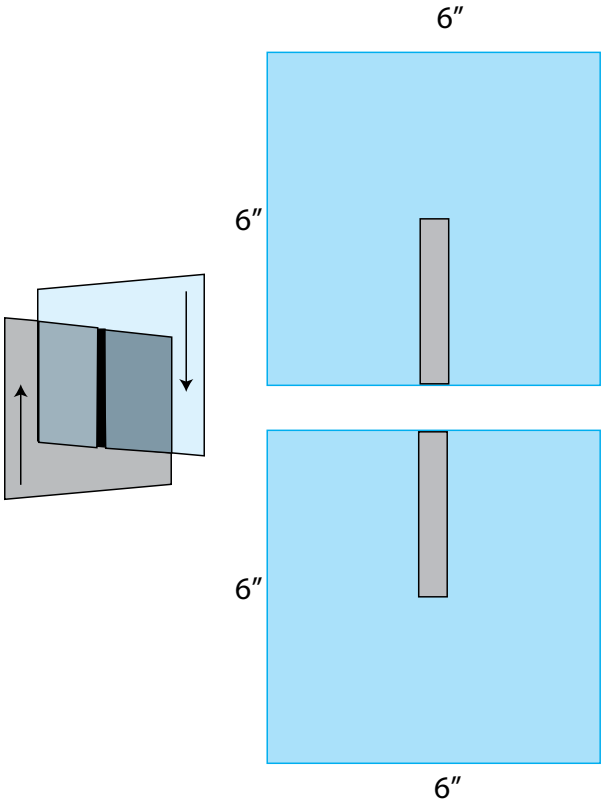
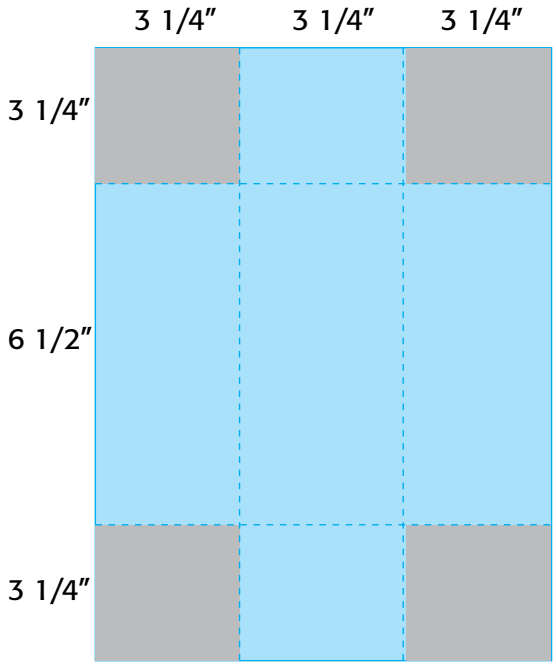


Diagram 5



Bonus: Pencil Cup

1. Cover foamboard with paper. Cut to size as seen in **Diagram 6**.
2. Cut v-grooves as marked and remove excess foam. Fold into box and secure with ribbon.

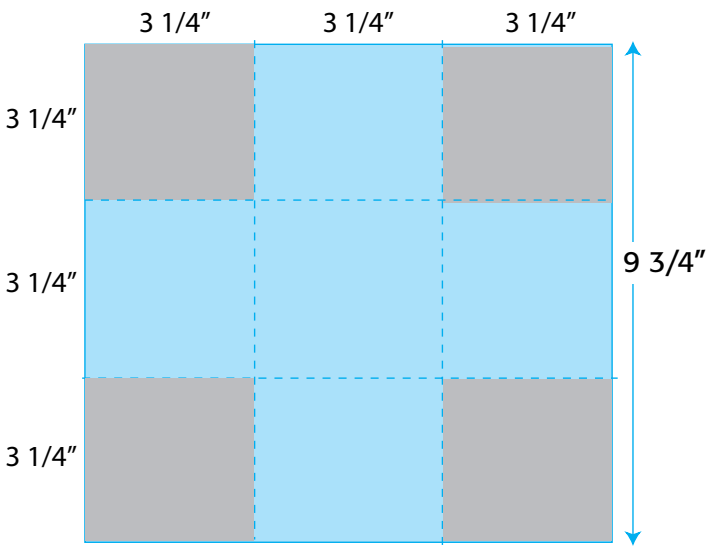
Time	Difficulty
.25 hours	Easy

Finished size: 3 1/4" x 3 1/4" x 3 1/4"

DESIGNER TIPS:

Use leftover scraps to make additional pieces. Take the corners that are left, trim them all to the same size and position in a mosaic pattern and use as a bulletin board. Assemble squares on a piece of foamboard and adhere to back. Put this up above your workspace and add photos and clippings of ideas that inspire you.

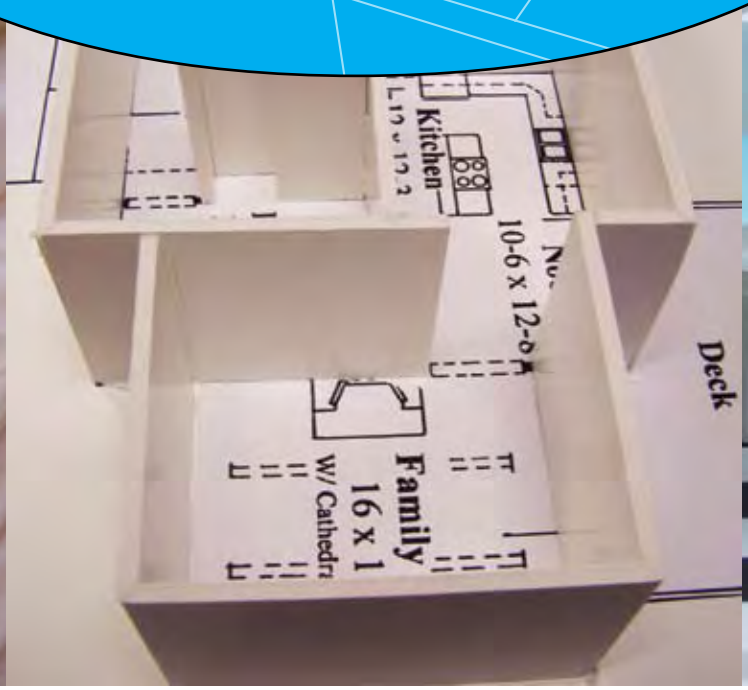
Diagram 6

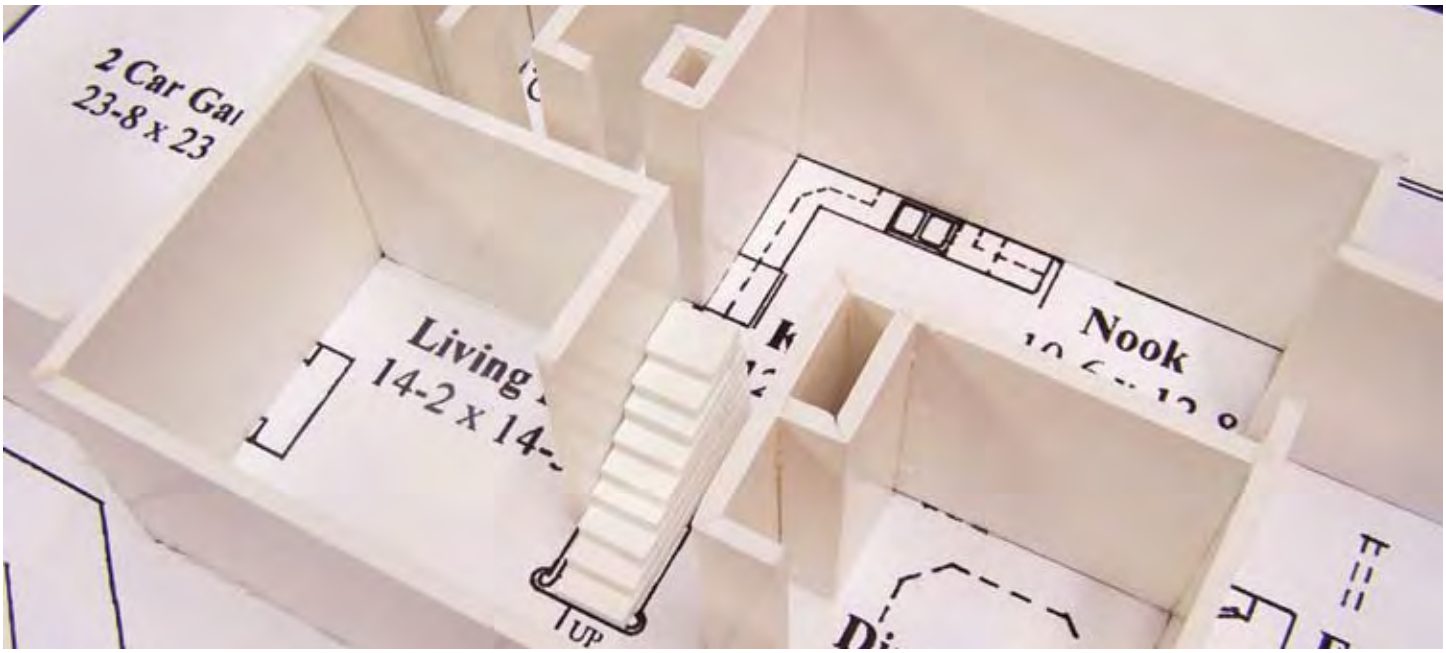


DESIGNER NOTES:

CHAPTER 4

ARCHITECTURE





Architecture

Foamboard has traditionally been used to recreate models of buildings. Despite its light weight, Foamboard is surprisingly strong. It's easy to cut and work with. In this chapter, we'll work on a house model, a room that will help in planning furniture placement and decorating ideas and an architectural standard—a Greek column.

House Model

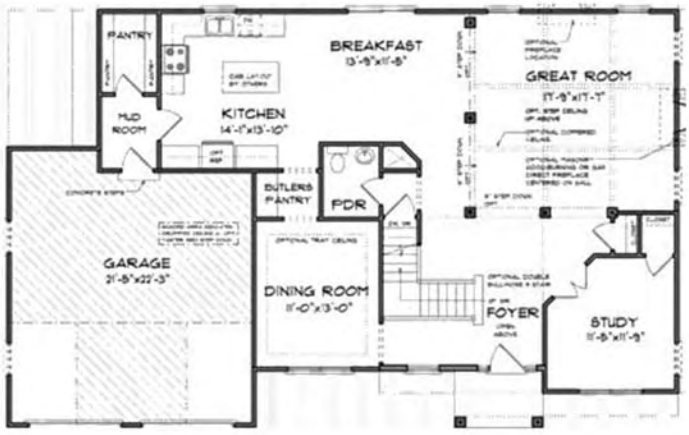
Time	Difficulty
1.5 hours	Intermediate

This project would be very helpful to make if you are going to build a house. The process of building the model could bring to the surface some design issues that otherwise might go unnoticed until costly mistakes were made. The FoamWerks tools available, primarily the V-Groove Cutter, are especially helpful in getting clean, crisp edges on the corners. Some things to consider when making the model are:

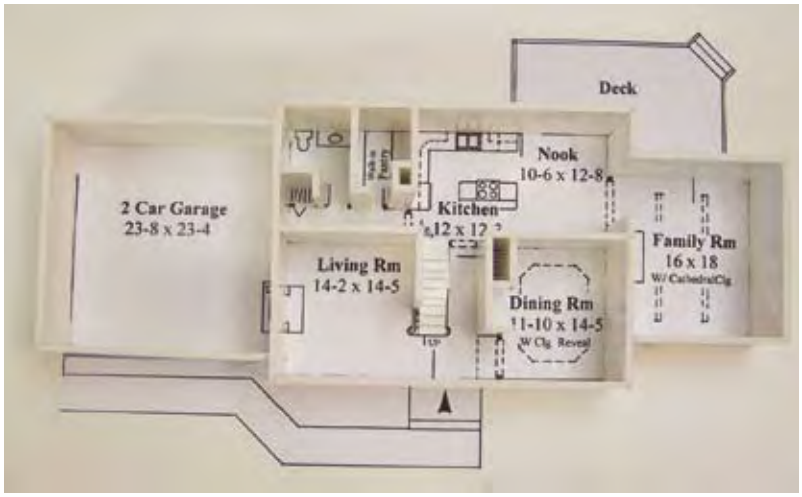
- What scale will you work in?
- How high are the ceilings?
- Do you want to include a roof?
- Is this to be a cross section where all walls are equal heights so you can see inside each room easily?
- If house is several stories, will the model reflect that?
- You may want to enlarge the plans so they are a manageable size on which to work.

You will need:

A set of house plans with room dimensions
1/8" foamboard
Spray adhesive
FoamWerks V-Groove Cutter (WC-2001)
FoamWerks Rabbet Cutter (WC-4010)
FoamWerks Straight Cutter (WC-6001)
FoamWerks Channel Rail (W-3001)
Sharp pencil
Ruler
Glue gun



Instructions:



1. Read designer tips first.
2. Trim printed house plans to fit on foamboard base no larger than 12" x 16". It's difficult to get in close and work on a project much larger than that. Spray back of plans with adhesive and center on foamboard base. Measure the perimeter (outside walls) of the house and add together. Cut strips of foamboard to size after determining what the height of your ceiling will be. I used a scale of 1/4" = 1 foot. For example, I cut my foamboard walls to 2 ½" since my walls were 10' high. (1/4" x 10" = 2 1/2").
3. Measure each wall and note dimensions on paper. Using the V-Groove Cutter, cut each 90-degree angle. Using the Rabbet Cutter, cut the edge of the first wall, which will create an edge for the final wall to adjoin.
4. If you are making a turn in the wall that is not 90-degrees, use the Straight Cutter to simply score the board and bend it to the angle as needed.
5. When you have all of your pieces assembled and are ready to construct the house, attach your outer walls first. This is the biggest (and hardest) section and you need to know where you are going to adjoin the inner walls. Take the glue gun and run a line of glue along the bottom of the foamboard and along any sides that will be attached to the outer walls. You have to move quickly here. If the glue dries and you haven't placed it down, run the glue gun tip over that area again to re-heat the glue and put in place quickly. Try not to have the piece you are inserting touch anywhere on the model because it will leave a trail of glue. If you try to remove dried glue, you may pull paper with it too.
6. When adding the inside walls, work from the inside out. This area is the hardest to see in and access so do them first. Work your way out to the side walls.
7. A lot of the sample models I looked at didn't make a break for a door but just enclosed the entire room as though the door were closed. Challenge yourself and make a hinged door that utilizes one scored edge and two straight cut edges. The doors are indicated on the pattern with an arc showing the door's path.

Finished size: 12" x 16"

DESIGNER TIPS:

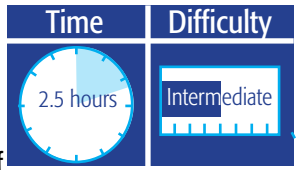
When working with house plans, do not cut up actual architectural renderings! Go to your nearest office supply store and copy and/or enlarge them if necessary. I recommend making a few copies—use one as a base for your design and have a back up in case the glue gun goes wrong! Use the other one to measure your cuts on and make any notes you might need. This house plan is your pattern piece. Follow the lines as you would a puzzle, making sure all of the pieces you cut line up with the lines on the plan.

It is very important to measure exactly! Keep your measuring technique consistent. When working on this project, I measured corner to corner from the outside line on the diagram. Wherever you want your reference point to be, keep it the same throughout the project or things will not line up as desired.

I tried different methods to attach walls to the house plan including pins coming up from the base (painful to position and not strong enough) and light-duty paper glue (good for some areas but did not create a bond strong enough overall). The glue gun, although I have my issues with it (I burn myself constantly!), is the best method to attach the walls to the base. The bond is strong, and that house will not come apart. However, if you do need to remove one of the pieces, gently rock the piece from side to side. If necessary, cut it off the paper with a craft knife, trying not to take chunks along with it.

If you are adding a design feature such as stairs, cut a strip of foamboard the width of the stairs. Measure the distance between each stair riser on the plan. For example, if the measurement of the stairs is 2" from the longest step to the back of the stairs, cut a strip 2" long. If the next step is 1/8" away from it, cut a piece 1 7/8" (2" – 1/8"), and so on until you get to the top of the stairs. Make sure that the steps are even and attach them to each other with double-sided tape.

Doric Column



The classic beauty of Greek architecture has graced the front of many historic buildings. The proportions and measurements have stood the test of time for thousands of years. Doric columns do not traditionally have any decoration or pedestal at the base, but rest at ground level. Use your imagination to create a classic piece for your home!

You will need:

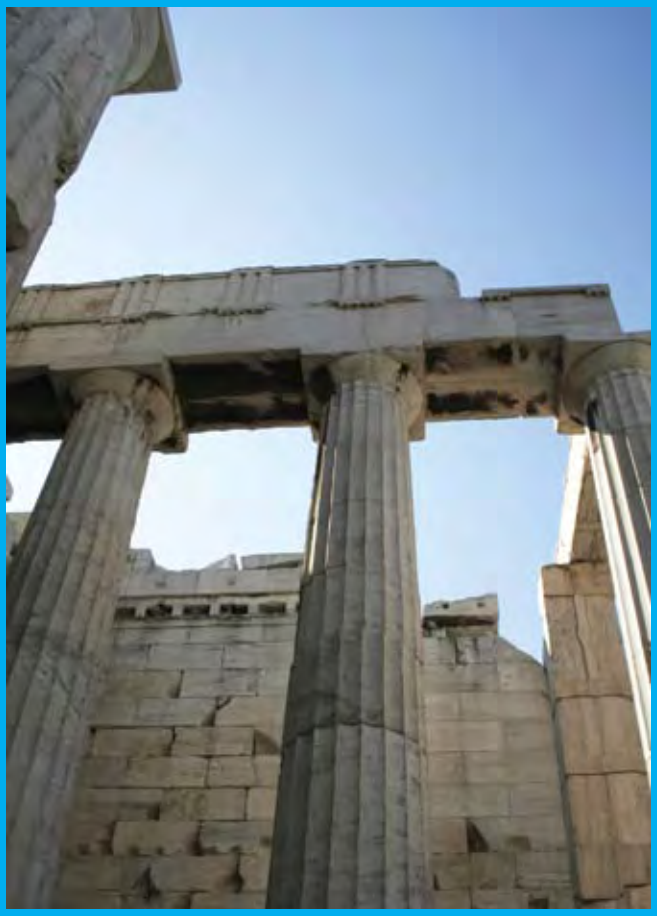
3/16" white foamboard
FoamWerks V-Groove Cutter (WC-2001)
FoamWerks Circle Cutter (WA-8001)
FoamWerks Straight Cutter (WC-6001)
FoamWerks Channel Rail (W-3001)
Pencil
FoamWerks Tape (W-5003 Tape Roll or W-5001 Accessory Kit)
Tape Gun

Instructions:

1. Using the Straight Cutter and Channel Rail, cut foamboard down to 18" x 29". Draw a line halfway down the middle of the board at 9". On the bottom of the column, make a pencil mark every 13/16" to either side of the center line. On the top of the column mark every 3/4" to either side of the center line. This will ensure that the column will be slightly wider at the base. Connect the lines. There should be 20 "columns."

Continued on following page

According to Vitruvius, the height of Doric columns is six or seven times the diameter at the base. This gives the Doric columns a shorter, thicker look than Ionic columns, which have 8:1 proportions. It is suggested that these proportions give the Doric columns a masculine appearance, whereas the more slender Ionic columns appear to represent a more feminine look. This sense of masculinity and femininity was often used to determine which type of column would be used for a particular structure.



The Doric column order, preferred style of Greek mainland and southern Italy, including Sicily, was developed by the Dorians, one of two divisions of the Greek race. Out of the three main orders, the Doric order, now referred to as Greek Doric order, is the oldest and plainest order. It is characterized by having twenty flutes that come to a point, a shaft with no base, and a plain, disk-like, capital. The height of the column is known to be approximately five and one half times the width of the column.

Wikipedia (n.d.). *Doric Order*. Retrieved March 11, 2008, from Wikipedia, the free encyclopedia. Web site: http://en.wikipedia.org/wiki/Doric_columns

2. Using the V-Groove Cutter and Channel Rail, cut down the middle of each line and remove excess foam wedges.
3. When all grooves are cut, trim off everything but the 20 columns. Turn board over and lay a piece of tape down one edge of the column. Carefully, line up two sides and place one side flush with the other. When lines are where desired, press tape into place.
4. Measure the inside top and bottom of the cylinder. With Circle Cutter, cut circles to fit. Insert circles inside column to keep round shape.
5. Measure the outside top of column. Add 1/4" and cut two circles to that size. Adhere together with tape gun and add to top of column. Cut three more circles, each one 1/4" larger than the other and stack from smallest to largest on column top.
6. Cut five squares in ascending order–the first one 1/4" larger than the circle and each successive one an additional 3/4". With tape gun, adhere squares on top of each other, centering as you place them. Adhere square section to round section. Add to top of column.

DESIGNER TIPS:

This architecture can be modified for use in today's home decor by adding a piece of round glass or antique mirror to the top and using as a plant stand. Make 4 small columns and add an old window to the top for use as a coffee table. Spray paint and wire as a lamp. There is a line of spray paint that simulates the look of concrete (see sources).

Room Model

Time	Difficulty
2+ hours	Intermediate

This is a great tool to help decorate, rearrange furniture or plan for a remodel. Scale it up a little and create a whole house for your children to play with.

You will need:

1/8" and 3/16" white foamboard
3/16" black foamboard
FoamWerks Straight Cutter (WC-6001)
FoamWerks V-Groove Cutter (WC-2001)
FoamWerks Circle Cutter (WA-8001)
FoamWerks Channel Rail (W-3001)
Spray paint
Spray adhesive
Glue gun
Tape gun

Instructions:

1. Measure the room you would like to construct, taking note of details such as: chair height and width, counter space, cabinet and furniture dimensions, and ceiling height. The scale will be 1" to 1' (which is very easy to calculate).
2. On graph paper, draw a layout of existing room. Sketch another layout with changes you'd like to implement.
3. If you would like to paint the walls a color, spray paint a piece of foamboard the desired wall color on one side.
4. Start model by laying out the floor. Cut piece of foamboard to size or create checkerboard floor (see Technique section).
5. Center floor on top of baseboard leaving additional 1/2" around the edges.
6. Measure the length and width of the model. Cut walls using the Rabbet Cutter, trim one end of each of the two long sides. The walls should rest tight against the side of the floor. Butt rabbet ends to the middle wall. Take three scraps of 1 3/4" wide foamboard and cut lengths to create a slot to slide the walls into. Tape down to baseboard with tape gun.
7. Add windows and other architectural details to room. Measure and cut hole in wall for window. Use foam removed from v-groove cut to use as window moulding. Cut corners at 45-degree angle and use tape gun to secure in place.
8. Furniture and appliances are made by measuring actual items, reducing to scale, and then using the simple box technique to make the kitchen cabinets and other items.

Refrigerator:

1. Measure appliance. Draw a diagram on graph paper and break down into sections, noting dimensions. (See **Diagram 1.**)
2. Cut V-groove along all dotted lines. Remove foam wedges and fold up into box. The refrigerator doors should meet in the middle like side-by-side style appliances. Keep them closed by adding some double-sided tape to the bottom door of the refrigerator. Use hot glue to hold the top and bottom pieces of board to each other, leaving the middle doors able to be opened and closed.

Diagram 1

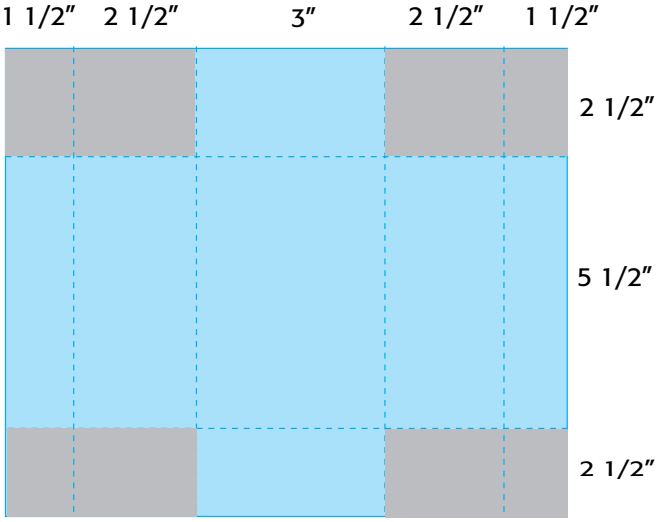


Diagram 2

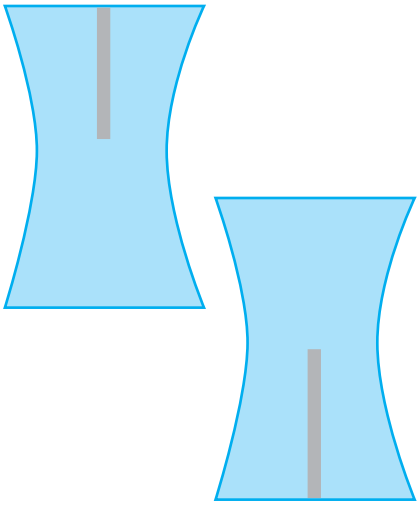


Diagram 3

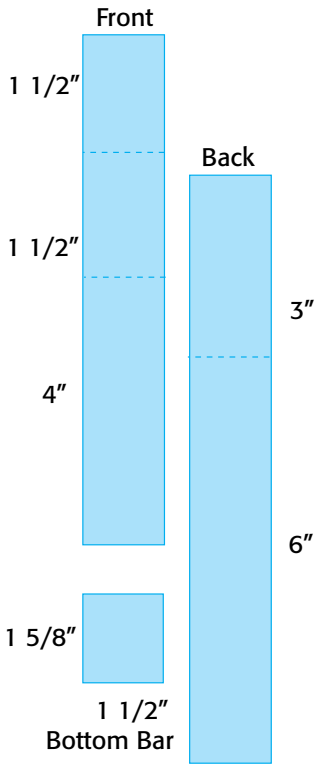


Table:

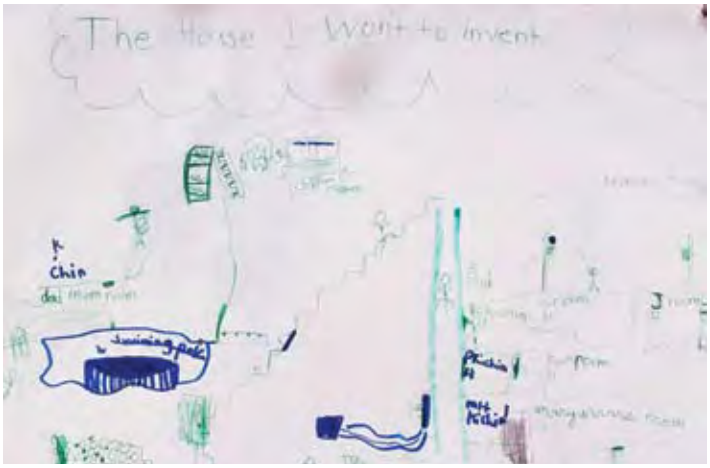
1. Use Circle Cutter to cut a 6" circle (use colored board or painted piece). This is the table top.
2. Cut two pieces 2 1/2"' x 2 1/2". Cut rounded shape and two slots up the middle from each side with mat knife. Forming a cross shape, match slots in table middle and press down forming table base (see **Diagram 2**).
3. Add a piece of double-sided tape to top of base and place round tabletop on base.

Chair:

1. Measure and cut pieces: 9 " x 1 1/2" and 1 3/8" x 1 1/2". Score as seen in **Diagram 3**, turning over once to score on the back side of the chair. To assemble, fold up into chair shape and use tape gun to adhere front and chair back together. Also tape the support bars underneath with a small piece of double-sided tape, or glue gun.

DESIGNER TIPS:

The room I chose to work on was my kitchen. It measures 15"x 18". I decided to make a checkerboard floor for a few reasons. I have always loved the clean look of the black against white. Another benefit of choosing that design is that each block represents one square foot of flooring, giving a good sense of proportion and scale to the room. Black and white go with anything, leaving a nice neutral backdrop for whatever accent colors might be added. The graphic style adds punch to any layout.



Other ideas:

Building on the idea of the room model, make a doll house with your children. It's an inexpensive and fun way to show children how things are constructed. Ask them what their idea of a fun house is. I still have the drawings my daughter Maryanne made (see above) that has a room filled with bouncy balls, an ice cream eating room, etc. Furniture can be made to scale or not . . Use your imagination!

Finished size: whatever you decide!

TECHNIQUE:

Speedy Checkerboard

NOTE: A mat cutter is the easiest way to make consistent 1" strips and blocks. Set your guides to 1" and with the straight cutter, start trimming! Always start with a fresh blade in your cutting tool. Make sure to square all corners with a T-square and cut straight 90-degree angles on the foamboard.

You will need two pieces of white and black foamboard. Cut 1" strips of each color the length of the room plus an extra inch. Cut a piece of clear contact paper the size of the baseboard (see Step 5 on pg. 41) to go underneath work area. On baseboard, center and mark room dimensions in pencil. Remove backing paper of contact paper and place strips on adhesive side. Start stacking strips, alternating colors, and lining up edges flush with each other. Butt pieces snugly to each other and press into place on contact paper. Trim off all edges of contact paper with mat knife.

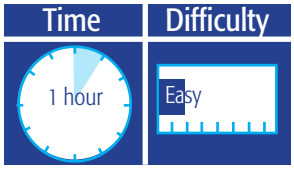
Turn board so stripes are running horizontally and cut 1" strips of alternating colors. Lay strips on baseboard, shifting as needed to create checkerboard pattern. When you have enough checkerboard strips to cover your floor, cover baseboard with spray adhesive. Using pencil marks on baseboard as a guide, begin placing strips. Make sure to place strips tight to the next row. Trim squares as needed.

CHAPTER 5

SIGNS

What's Your Sign?

Any child will feel special with a personalized sign on the door of their room! Using colored foamboard, this project assembles very quickly. What a great gift to give to celebrate the birth of a new baby or as a birthday present.



You will need:

2 coordinating pieces of colored 3/16" foamboard
FoamWerks V-groove Cutter (WC-2001)
FoamWerks Straight Cutter (WC-6001)
Craft knife with pointy tip
Alphabet stencil or computer printout of text for sign
Tape gun

Instructions:

1. Cut 1 piece of board to 12 1/2" x 8".
2. If you are using a stencil, center text within this space leaving equal borders on all sides. Trace name and message on board lightly in pencil.
3. If you are printing from the computer, lay out text using "landscape" orientation on computer. Print text. Center paper on foamboard. Cut the letters out through the copy paper and foamboard below. Use tip of blade when rounding curves (read Techniques section first).
4. After design is cut and letters have been removed, take other piece of colored foamboard and cut to 15" x 10 1/2". Cut V-grooves vertically every inch in the board and remove excess foam. With tape gun, center sign and adhere to this layer.
5. Make a shadowbox frame for sign by cutting a piece of foamboard 17" x 12 1/2". Cut a v-groove an inch in from the outer edge on all sides. Fold up into box shape and use glue gun to join corners. Tape sign section into frame.
6. Run double-sided tape around the outside edge of the box. Lay 1" coordinating ribbon on top and wrap firmly around the corners.
7. Take another length of ribbon and tape each end to the back of the frame. Cut another piece of ribbon and tie a knot at top of hanger. Trim edges. Hang!

Finished size: 15" x 10 ½"

TECHNIQUE:

Try this cool technique with colored foamboard. Take advantage of the pretty white foam inside and cut away the top layer of colored paper. Using a craft knife with new blade, carefully trace around the edges of the letters. Fonts that are fairly heavy work best. Make sure to pierce all the way through the paper. You can feel when you have reached the foam layer because it's very easy to cut. Once you have cut through all the letters, start peeling back the paper from the board. Use the tip of the blade to lift up a corner and then carefully peel back paper. If paper lifts from board, glue back down with clear fast-drying glue.

DESIGNER TIPS:

Depending on how handy you are with a craft knife, you can make all sorts of fancy signs using the technique described above. One piece of foamboard will yield many projects. With the computer printing method described above, you can pick the font and size for any sign you'd like to create, from a Welcome Home to Happy Birthday to Noel.

Stop Sign

Time	Difficulty
45 min.	Easy

Let people know—the party is here and you'd better park in the right place!

You will need:

Red 3/16" foamboard
FoamWerks Straight Cutter (WC-6001)
Template for letters or stick on letters
White paper or tape
Small cup hooks
Small eyehooks or hangers
Spray adhesive
Fast-drying glue

Instructions:

1. Cut a 13" square from red foamboard. Trim off equal corners to form an octagon with straight cutter.
2. On the computer, scale the letters S-T-O-P to about 4" tall. Print, then cut letters out to use as a template. Trace on white cardstock and cut out letters.
3. Coat backs of letters with spray adhesive and stick on sign, centering carefully.
4. Print on white paper with red ink, "Parking for REDSKINS FANS ONLY" (insert desired team/message). Cut a scrap of red board measuring 5 1/4" x 4". Trim sign down to fit inside red board.
5. Add 2 cup hooks to the bottom of the STOP sign, and add 2 eyehooks or hangers to the top of the "Parking" sign. Hang sign with foamboard hanger on back.
6. Add a drop of glue into eyehook hanger hole before inserting to secure.

Finished size: 19" x 13" x ¼"

TECHNIQUE: ADDING HARDWARE TO PROJECTS

It's hard sometimes to know what the best method is for hanging foamboard projects. The good thing is usually the project is light so heavy-duty hardware isn't necessary. However, since foamboard is composed mainly of air, it's hard to get a "grip" on it. What I usually do is see what I have on hand, screw it in and reinforce with glue, unless I know this will be a project that will have to stand up to heavy wear. You will have to experiment as you go. Overall, I try to hinge the project so it really is holding itself together with the paper joints, which are amazingly strong.

Beach Sign

Hung inside or out, this sign gets you in the mood for the beach! Hang on the walls of your beach cottage or outside in your yard.

You will need:

FoamWerks Freestyle Cutter (WB-6020)
FoamWerks V-groove Cutter (WC-2001)
FoamWerks Straight Cutter (WC 6001)
Ruler
Pencil
6 scraps of different colors of 3/16" foamboard
Piece of white 3/16" foamboard for stake and sign
Computer and printer or markers
Gray or tan spray paint
Graining tool
Tape gun
Spray adhesive
Krylon® Matte Spray
Vellum paper
FoamWerks Clear Adhesive Hanger (W-5001)

Instructions:

1. On computer, lay out text to say: "This way to the," "beach," "umbrella rental," "ice cream," "showers" and "cabana." Print in point size to be readable on a 3" sign and in a "beach style" font. Print signs in colors to coordinate with colored board on translucent vellum paper.
2. Trim vellum text to 2 ½" wide. Adhere to sign with spray adhesive.
3. Cut colored foamboard to 3" strips. Lay printed words on colored board. Pick a symbol associated with word and draw shape on contrasting color foamboard piece, i.e. purple umbrella to lay on yellow sign. Cut out shape with Freestyle Cutter and adhere to sign with tape gun.
4. Read directions for graining tool and practice before attempting project. Spray paint piece of foamboard about 5" x 40". Immediately take graining tool and drag and rock tool through paint to create faux woodgrain effect (paint dries quickly!). Wash tool immediately. Let board dry.
5. For stake, cut piece of faux wood board 3" x 40".
6. On back of stake, add Clear Adhesive Hanger.
7. To adapt for outside use, write titles directly on the sign with permanent marker. Spray entire sign with several coats of clear polyurethane sealer. Instead of foamboard stake, nail or wire smaller individual signs to a wooden stake and put in the ground.

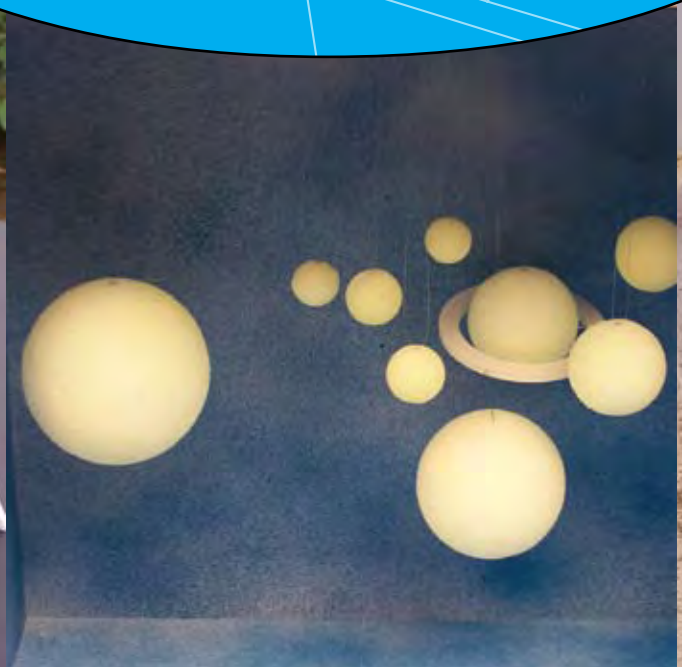
DESIGNER TIPS:

This project would be a great sign for a campsite—the family name on top and each family member's name below. This would also work for a pool sign with "Pool Rules" listed below.

Finished size: 8" x 36"

CHAPTER 6

SCIENCE FAIR



Pyramid

Time	Difficulty
1 hour	Easy

It's hard to believe that the Egyptians were so advanced mathematically that they were able to build such huge, perfect structures without using calculators and computer models! No wonder that they are one of the Seven Wonders of the Ancient World. This foamboard model is much easier and a LOT lighter.

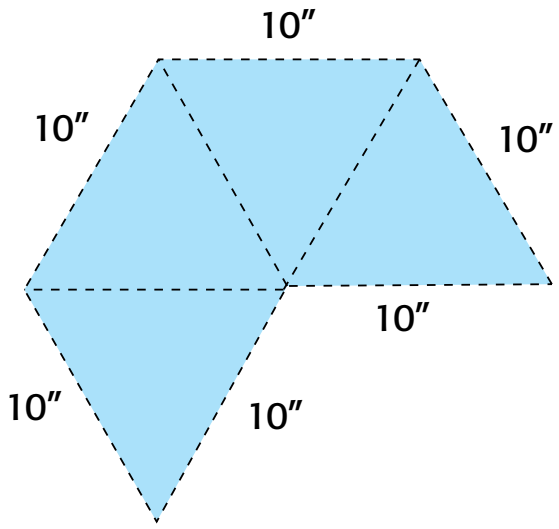
You will need:

1/2 sheet white 3/16" foamboard
FoamWerks V-Groove Cutter (WC-2001)
FoamWerks Straight Cutter (WC-6001)
FoamWerks Tape (W-5003)
Krylon® Make It Stone spray paint
Krylon® tan spray paint
Craft knife

Instructions:

1. You will need to make an equilateral triangle (a triangle where all angles are the same—60-degrees—which means the three sides are all the same length). Here's the easiest way I could figure out. Determine how big you would like your finished pyramid to be, taking into account that the foamboard normally measures 32" x 40", so work that into your plan. Draw a base line—the model is 10" long. Determine where the halfway point on that line is and draw a line extending up perpendicular to the base line. Take a ruler and line up the end of the base line and a point 10 inches from it on the perpendicular line. Repeat on the other side. Check your measurements—all sides should measure exactly the same for this project to work.

Diagram 1

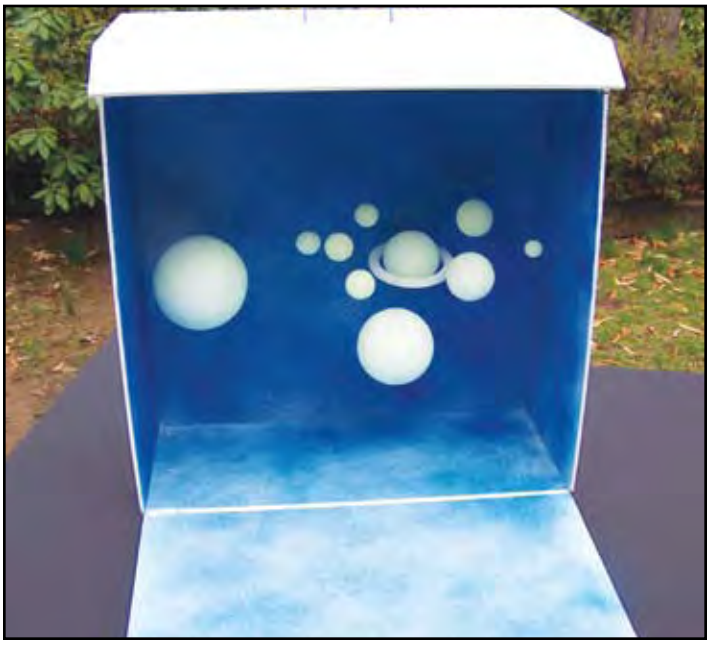


2. Cut out your triangle template very carefully. Place on foamboard and trace, referring to **Diagram 1**. Flip the pattern so triangle lines up with one adjacent to it. Repeat until you have 4 triangles.
3. With v-groove tool, cut down the middle of the lines you have drawn.
4. Repeat throughout pattern. When all lines have been cut, remove excess foam and brush off. Trim outer dimensions with craft knife by cutting down middle of v-groove.
5. Tear a piece of white tape and place one half the length on the end piece of the pyramid shape. Fold pyramid up into triangular shape and adhere sides together with tape.
6. Spray with a coat of tan paint as a base coat. Then add a fairly thick coat of Krylon® Make It Stone all over the pyramid. Allow to dry in between coats. Add more if necessary. Add highlights with tan spray paint.

Finished size: 10" x 10" x 7"

DESIGNER TIPS:

The desert scene is a piece of foamboard covered with a towel. There is a strand of Christmas lights under the towel to give some height to the sand dunes. I dumped almost a full bag of play sand over the whole thing and smoothed it out by rolling a glass over the scene. I added some palm trees and camels to the display for a little more excitement. The palm trees were made by wrapping a piece of dowel with floral tape and adding in green leaves punched out of green paper. The camels are drinking from an oasis made from a glass dish that was covered with sand and water poured in.



Glowing Solar System

Time	Difficulty
3 hours	Intermediate

It's fascinating to ponder the vastness of our universe. In this project, the relative distance of Earth to the sun and other planets is the focus. It's fun to think about life out there–or are we alone? This project contains surprises such as glowing heavenly bodies and a built-in carrying case!

You will need:

2 full sheets of 3/16" white foamboard
FoamWerks V-Groove Cutter (WC-2001)
FoamWerks Straight Cutter (WC-6001)
FoamWerks Circle Cutter (WA-8001)
FoamWerks Tape (W-5003)
2 FoamWerks T-Clips (W-5002)
Art Deckle 4-Way Stylus (A1303)
Fishing line or clear beading string
Styrofoam Solar System kit (white)
22 gauge wire
1" sturdy ribbon - 12" length
Krylon® True Blue Interior-Exterior spray paint
Duncan Glow in the dark acrylic paint
4 adjustable fasteners
20" elastic string

Instructions:

1. Cut 3 pieces: 32" x 40" (full sheet), 22" x 32"and 22" x 15".
2. Cut a circle 3 1/2" in diameter. Adjust Circle Cutter to 4 1/2" and cut a circle with the 3 1/2" circle inside it as a ring for Saturn.
3. Referring to **Diagrams 2, 3 and 4,** make cuts and v-grooves as indicated. Solar System box (32" x 40"), front panel (32" x 22") and box lid (15" x 22").

Diagram 2

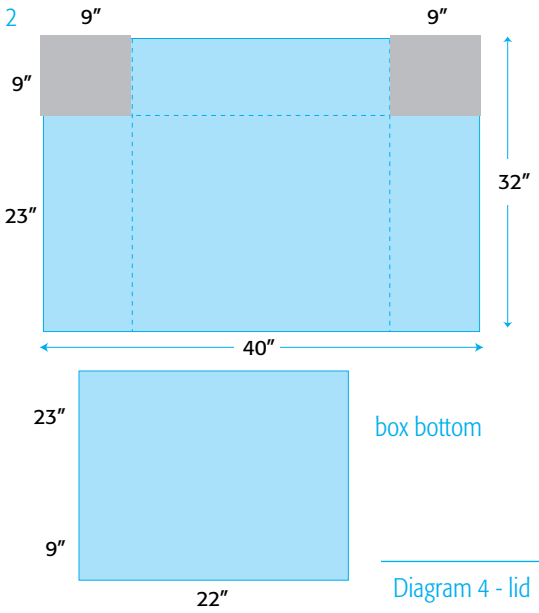


Diagram 3 - front panel

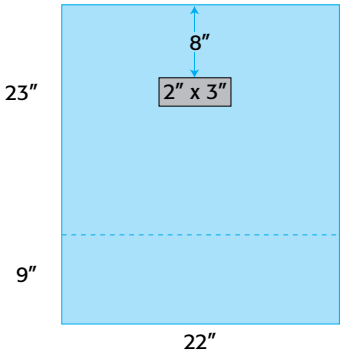
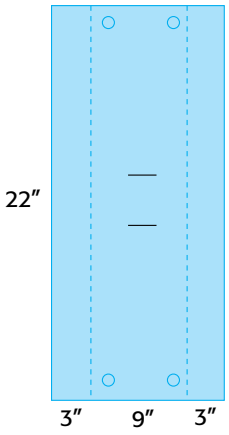


Diagram 4 - lid



4. Spray box and front panel lightly on the inside dimensions with medium blue paint. Think "atmosphere" and make interesting patterns and splotches randomly.
5. Cut unneeded corners off the Solar System box and fold up (there will not be a base). Tape top two corners together along edges.
6. Referring to Distance Chart (**Diagram 5**), measure and mark on top of box where solar system pieces should hang, making sure to alternate one toward the front of the box and the next closer to the back so that the spheres do not

Diagram 5

Name	Size	Distance from sun
Sun	5″	
Mercury	1 ¼″	2 ½″
Venus	1 ½″	4″
Earth	1 ½″	5″
Mars	1 ¼″	6″
Jupiter	4″	7″
Saturn	3″	8″
Saturn's ring	4 ½″	
Uranus	2 ½″	10″
Neptune	2″	11 ½″
Pluto	1″	14″

touch each other. The length of the string will vary also, giving a little more leeway for the larger "bodies." Punch holes where marked in top of box with stylus, using piercing tip.

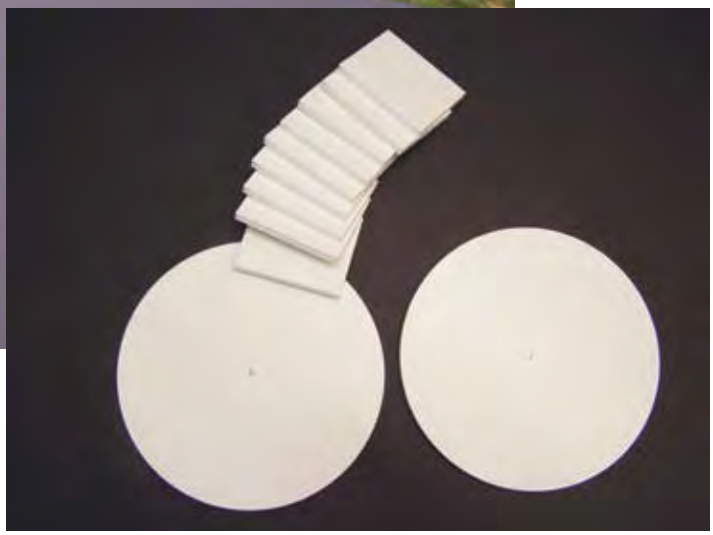
7. Paint all spheres from Styrofoam Solar System kit with glow-in-the-dark paint. Let dry.
8. Cut ten 1 1/2" pieces of wire. Bend in half to form a u-shaped wire hanger for each styrofoam ball.
9. Stick hanger into top of ball, leaving about ¼" loop sticking up. Tie end of fishing line to wire hanger, cutting varying length from 10"- 14". Take hanger out, drop some glue down into the holes to secure and push wire all the way down into center of ball.
10. Thread fishing line with hanging sphere up through the box and knot on top, then secure with a piece of white tape. Alternate length of fishing line, some shorter, some longer as needed to space out spheres.
11. On outside of front panel, mark viewing opening about 8" down from top and centered in middle of foamboard. Score top of flap to act as a hinge and cut all the way through remaining sides. Flap should push in and up so you can look down into the box.
12. Tape front panel to box on bottom.
13. Take box lid and make slits for carrying handles. Slit should measure width of ribbon. Cut 12" of ribbon and thread through slits, creating handle. Tape both ends of ribbon to bottom of lid.
14. Place lid on top of box to cover tape and other markings. With stylus, punch holes in each corner of the box lid and mark holes on top of box. Take off lid and punch all the way through top of box. Reposition lid and thread adjustable fastener through each set of holes. Secure lid to top of box by screwing on bolts inside of box. Tape back flaps of lid to sides of box. Tie end of elastic thread to one end of a T-pin. Press pin into side of box top about 3" down. Stretch elastic cord across front of lid and attach T-pin to other side of box.
15. Tuck lid into cord to close box and carry to school!

Finished size: 22" x 23" x 9"

DESIGNER TIPS:

This Solar System model is no ordinary one. Not only does it come with its own built-in carrying case, but there's a viewing panel so you can look down into the box and see the sun and planets suspended in space and glowing!

The spheres you painted with Glow in the dark paint will need to get "glowed up" before you unveil your amazing creation. Take a high intensity lamp and let the painted spheres absorb the light for about five minutes before you close the front panel.



Water Wheel

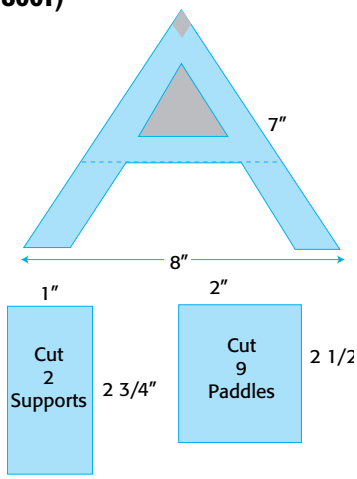
Time	Difficulty
2 hours	Intermediate

Water wheels have been used since the Middle Ages to saw wood, grind grain, make paper from pulp and pump water. Make this project and see the power of water in action.

You will need:

3/16" and 1/8" foamboard
FoamWerks Circle Cutter (WA-8001)
FoamWerks Straight Cutter (WC-6001)
FoamWerks Freestyle Cutter (WB-6020)
Art Deckle 4-Way Stylus (A1303)
1/8" wooden dowel
Protractor
Glue gun

Diagram 6



Instructions:

Cut two 6" circles from 3/16" foamboard with circle cutter.

Cut two water wheel stand braces and support pieces from 3/16" foamboard (**Diagram 6**).

Cut nine pieces measuring 2" x 2 ½" from 1/8" foamboard.

1. Place 6" protractor on one of the 6" circles and mark off sections in 40-degree increments in pencil. Reposition protractor as needed. Mark middle of circle and make a small hole. Connect lines from edge to center. There should be 9 equal sections when you have finished.
2. Secure 2" x 2 1/2" paddle pieces onto circle with glue gun. Follow pencil lines for correct placement. Leave a small area at the center point of the circle for the dowel that will run through. Try to butt the ends toward the center closely together so section is watertight.
3. Line up and glue remaining circle to opposite side of paddle wheel.
4. Insert dowel through circle centers, leaving about an inch on either side of the wheel.
5. Place dowel and wheel into notches of brackets.
6. Place wheel under the kitchen faucet and watch it work!

Finished size: 8" x 8" x 4"

DESIGNER TIPS:

This water wheel could also be made from cardboard for one-time use. The foamboard is fairly waterproof and can be used repeatedly.

DESIGNER NOTES:

CHAPTER 7

HOLIDAY DECOR

Plethora of Pumpkins

Time	Difficulty
2 hours	Easy

Pumpkins on the porch are a sign that fall is on its way. They can be displayed from the end of September until Thanksgiving. The earthy colors and textures of this season combined with a nip in the air makes this my favorite time of year.

You will need:

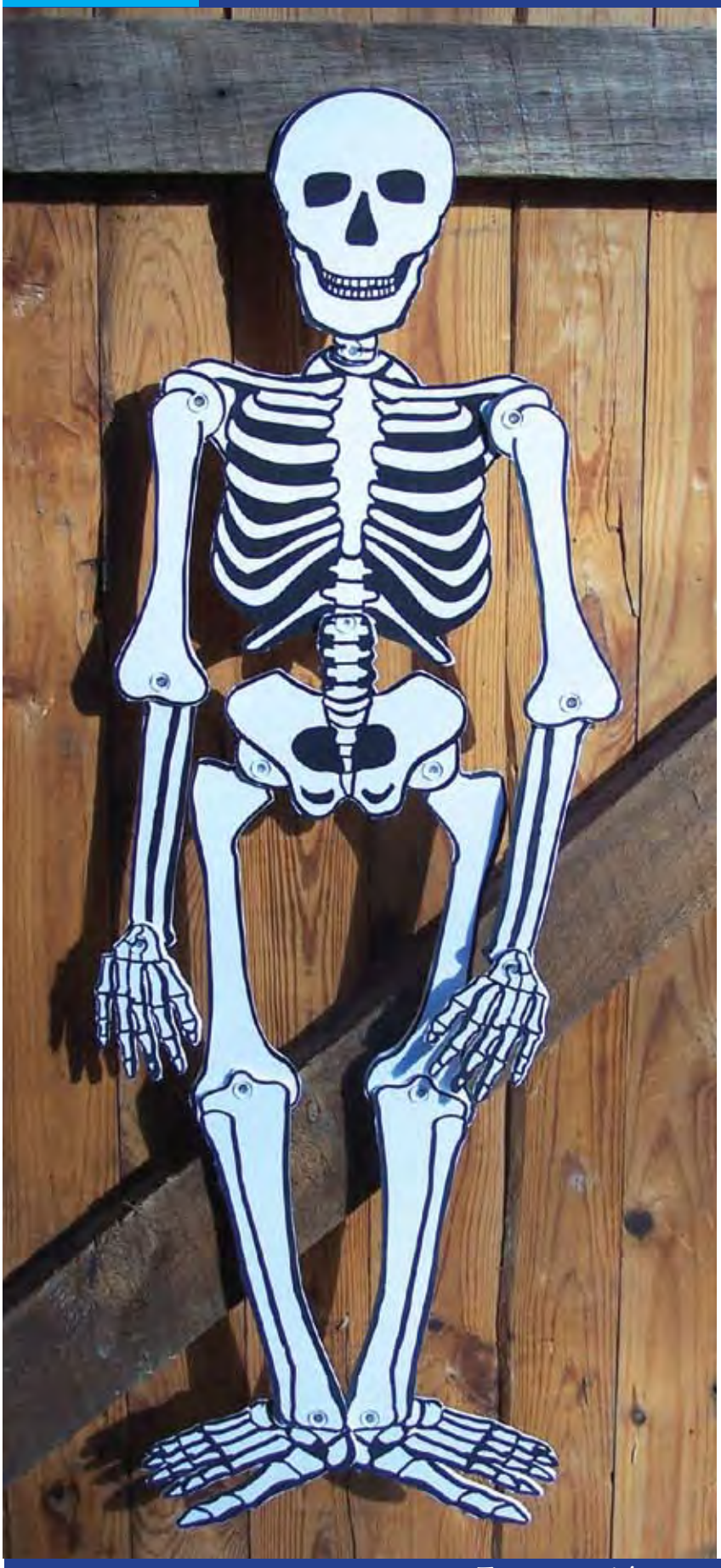
White 1/8" foamboard
FoamWerks Circle Cutter (WA-8001)
FoamWerks V-Groove Cutter (WC-2001)
Orange spray paint
Wire wrapped with brown raffia (available in floral area of craft stores)
Assorted silk ivy leaves in different sizes
Green cloth trimmed floral wire
Tape gun
Krylon® Matte Finish sealer

Instructions:

1. Cut five each of four-, three- and two-inch circles from foamboard using the Circle Cutter.
2. With the V-Groove Cutter, cut a groove down the approximate middle of each circle.
3. With tape gun, apply adhesive to one side of each circle segment and stick to next circle segment, forming a five-sided sphere with an opening in the middle where the V-grooves meet.
4. Repeat process with each size circle forming 4", 3" and 2" spheres with five spokes.
5. In a well-ventilated area, spray paint pumpkins with orange paint. Allow to dry.
6. Take brown wire, cut three strands and twist together for stems. Cut 2" lengths and insert into middle of pumpkins. Stick some ivy leaves down the center also. Twist green cloth covered wire around a pencil and remove carefully. Insert stem in center and glue all together. Arrange pumpkins in a basket or use as a centerpiece for Thanksgiving dinner.
7. Spray set with Krylon® sealer if you will be displaying them outdoors.

Finished size: 2", 3" and 4" around

NOTE: These may be a little wobbly since they are round on the bottom. Once you have them arranged where you'd like them, add a small piece of poster tack to the bottom to hold in place.



Skeleton

Get in a spooky mood and create this skeleton for Halloween. Hang it where you are sure to get the best scare factor.

Time	Difficulty
2 hours	Intermediate

You will need:

1/8" foamboard
Scrap foamboard for cutting on FoamWerks Freestyle Cutter (WB-6020)
Art Deckle 4-Way Stylus (A1303)
Skeleton pattern
Spray adhesive
Adjustable fasteners to connect joints
Clear adhesive hanger

Instructions:

1. Find a pattern for skeleton parts that you like or use the one in the book.
2. Print out or copy onto text weight paper, enlarging the pattern if desired.
3. In a well-ventilated area, spray Krylon® Spray Adhesive onto the back of the pages of pattern pieces, using as directed.
4. Adhere pattern sheet to foamboard. Cut out around the skeleton bones with Freestyle Cutter, making sure not to chop off any vital parts!
5. Punch holes at joints of skeleton with stylus, using piercing tip. Attach bones with adjustable fasteners so knee, leg, elbow, arm, neck, feet and hips can move and dance!
6. Spray entire skeleton with Krylon® Matte Finish, especially if you will be using outdoors.
7. Stick clear adhesive hanger to back of skeleton and hang where desired.

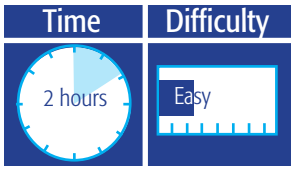
Finished size: whatever you decide!

DESIGNER'S TIP:

You can find patterns for many holiday or everyday designs on line. Just Google what you are looking for and wait–so many patterns show up! Make sure that they print without cutting parts off. Use the same technique as described above.

Halloween Wreath

BOOOO! Greet your visitors with a wreath on your front door sporting pumpkins, bats, ghosts and a tombstone. Halloween is coming soon! This wreath can be used indoor or outdoors.



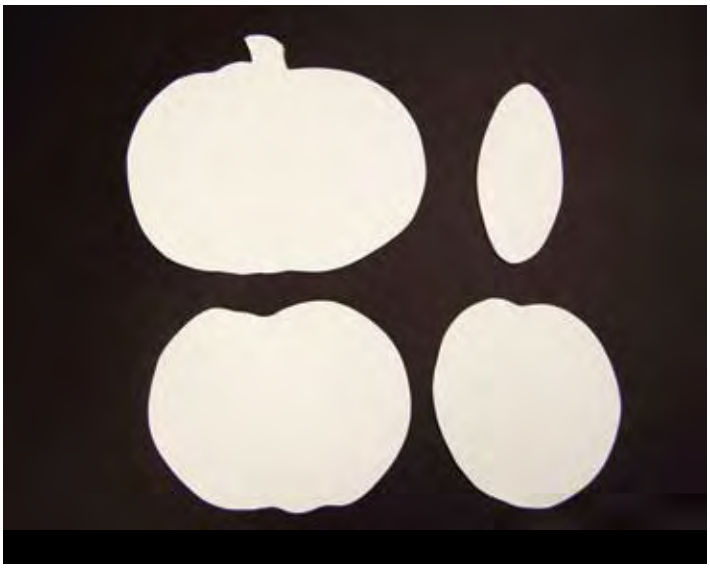
You will need:

White 1/8" foamboard
Black 3/16" foamboard
FoamWerks Circle Cutter (WA-8001)
FoamWerks V-Groove Cutter (WC-2001)
FoamWerks Freestyle Cutter (WB-6020)
Orange spray paint
Black and brown permanent markers
Dried hydrangeas
Halloween ribbon
Grapevine wreath
Fall berry spray
Wire
Tape gun

Instructions:

1. Cut out shapes of bats, pumpkin, ghosts and tombstone from foamboard as seen in **Diagram 1** using Freestyle Cutter.
2. Add message to tombstone and expressions on ghosts with permanent marker.
3. Spray paint pumpkin sections orange and let dry. Color stem with brown permanent marker. Layer pumpkin sections on top of each other and secure in place with tape gun.
4. Make bow from ribbon and secure with wire, leaving a length to wire onto to wreath.
5. Place bow on wreath and secure with glue gun.
6. Add foamboard pieces, berry spray and dried hydrangea in a pleasing arrangement, gluing to wreath as you go.
7. Spray entire wreath with Krylon Matte spray sealer, following directions on can. This will protect your wreath from moisture and the elements. Dried hydrangeas may be slightly fragile but silk autumn flowers can be substituted.

Diagram 1



Finished size: 22" x 22"

DESIGNER TIPS:

Getting in corners and cutting shapes is a skill that takes a little bit of practice. The trick is to turn the piece while you are cutting and let that guide the direction of the blade.

Flat Snowman

Time	Difficulty
1 hour	Easy

You will need:

Foamwerks Circle Cutter (WA-8001)
Art Deckle 4-Way Stylus (A1303)
Foamwerks Straight Cutter (WC-6001)
3/16" foamboard–white and black
Black permanent marker
Orange marker
Crystal glitter
Spray adhesive
Sequin pins
Snowflake brad
Silver wire
Twigs
Pink chalk

Instructions:

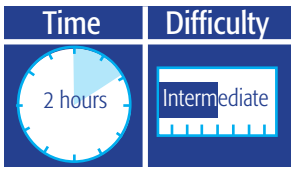
1. Cut three circles from foamboard measuring 3", 2 1/2", and 2" with Circle Cutter. (Note: you may want to cut extras in case you mess up the face.)
2. Draw face on the smallest circle. Smudge chalk on for cheeks. Draw buttons on medium circle.
3. Cut two pieces of black: 2 1/2" x 1/2" and 1 ¼" x 1 1/2".

4. Mark in pencil where hat top will be placed on the longer black piece. Stick sequin pins up from the brim bottom into the top of the hat bottom. On the top side of the brim, stick one sequin pin down into the snowman's head.
5. Pierce a hole in the hat and insert snowflake brad.
6. Lay snowman down as desired. Pencil a dot where circles will meet about 1/8" from edge of circle. Press carefully into foamboard with piercing tool until you reach the back. Repeat on the back side.
7. Cut a small piece of silver wire. Thread wire from back to front and join circles, twisting closed in the back and trimming excess wire.
8. Lay three joined circles on scrap paper, right side up. Spray with spray adhesive. Over clean paper, sprinkle with glitter.
9. Insert twig arms in the middle circle on each side.
10. Stick hat into snowman's head.
11. Pierce top of hat. Fashion wire into hanger. Insert and hang anywhere!

Finished size: 10 1/2" x 4"

Three Dimensional Snowman

It takes a little cutting but this snowman is stacks of fun to make! Work your Circle Cutter as well as your biceps and create a cute 8" snowman for yourself or to give as gifts! Give him a home for the winter on your windowsill.



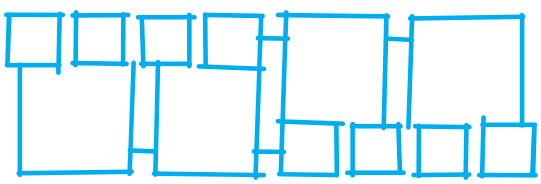
You will need:

Foamboard–1/8"- white
Foamboard–black scraps
FoamWerks Circle Cutter (WA-8001)
Foamwerks Straight Cutter (WC-6001)
Art Deckle 4-Way Stylus (A1303)
Zip Dry Paper Glue
Tape gun
Scrap of fleece
Twigs for arms
Carrot nose
Black snaps
Snowflake brad
Black acrylic paint

Instructions:

1. Cut about 50 circles from white foamboard varying in size from 1 1/2" to 3 1/2".
2. Cut 6 circles from black foamboard about 1 3/4" and one circle about 2 3/4".
3. Start stacking the circles to form a snowman shape. Don't worry if it's not a perfectly smooth shape–that's the charm of this guy…
4. When you have arrived at a version that you like, adhere the layers together using the tape gun.
5. Repeat process with the snowman's hat. Stick the snowman brad into the hat.
6. Figure out where you want to place the arms and make a hole with the 4-Way Stylus. Drop some glue in the holes and place the sticks in firmly.
7. Mark spots where snaps should go as buttons and press into foam. If necessary, add a drop of glue to each hole first.
8. Dot black paint on face for eyes and mouth with the end of a paintbrush
9. Add nose and reinforce with glue.
10. Tie a scarf around his neck.
11. Enjoy!

Finished size: 8" x 4"



Dimensional Star

Make a bunch of these in different sizes and decorate a tree with them. The white foamboard is a great contrast against the green tree. Or hang them in your windows with candle lights below. The stars are great fun to decorate with glitter, inks or markers.

Time	Difficulty
2 hours (set of 3)	Intermediate

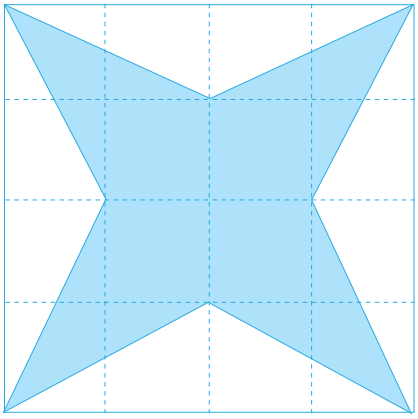
You will need:

paper to make pattern
1/8" foamboard
FoamWerks V-Groove Cutter (WC-2001)
Foamwerks Straight Cutter (WC-6001)
sharp craft knife
ruler
pencil or pen
metallic markers
glitter
spray adhesive
fishing line
Krylon® Matte Finish

Instructions:

1. Draw a square. Draw a straight line across the center of the square dividing it in half horizontally. Draw a second straight line across the center of the square dividing it in half vertically. The square is now divided into quarters.
2. Draw a horizontal line across the center of the two top squares and another line across the center of the two bottom squares. The original square is now divided into eighths.
3. Draw two vertical lines dividing the squares in half vertically. You will now have 16 squares.
4. Make four dots at the intersections.
5. Draw a straight line from each corner to the nearest dot to the right and another to the nearest dot to the left. This forms your basic four pointed star pattern (**Diagram 1**). Cut it out.

Diagram 1



6. Using the star pattern, draw and cut out three foamboard stars. Cut one of the stars in half.
7. On star #1, draw a horizontal line straight across the middle to just beyond the center (**Diagram 2**).
8. On star #2, draw a line straight across the middle almost to the center. Draw two more lines almost to the middle line (**Diagram 3**).
9. On the two half stars, draw a line along the middle, halfway to the straight edge (**Diagram 4**).
10. Cut out along each of the drawn lines, cutting a slot just as wide as the material thickness. For 1/8 inch foamboard it will need to be about 1/8 inch wide. Be certain to keep the slit in the exact center of the star piece.
11. Make three sets of stars in graduated sizes–small, medium and large.
12. Decorate the stars with metallic markers with different shapes, colors and doodles.
13. First fit star #1 into #2 then add the two sides to the remaining slits in star #2.
14. Cover stars with spray adhesive. Sprinkle with crystal glitter. Punch hole in top of ornament. Thread with fishing line, ribbon, or a wire hanger.
15. Decorate with them!

Finished size: whatever you decide!

Diagram 2

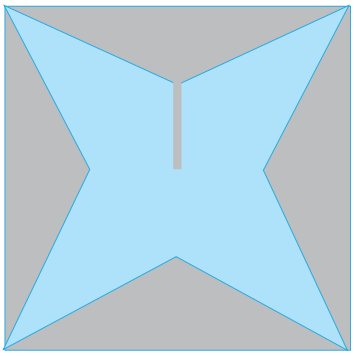


Diagram 3

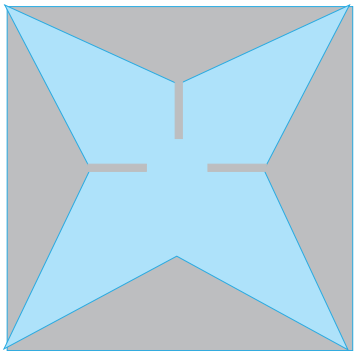
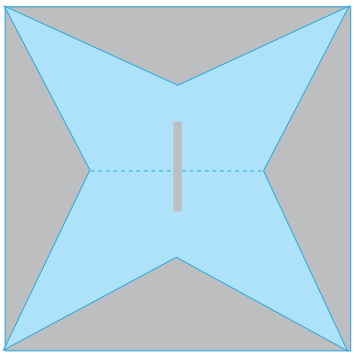


Diagram 4



Star of David

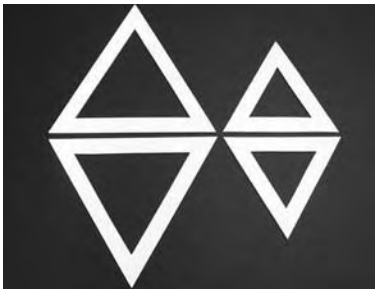
Time	Difficulty
.5 hours	Easy

You will need:

Foamboard
FoamWerks Straight Cutter (WC-6001)
Craft knife
Pencil
Ruler

Instructions:

1. Determine the size of star you would like. The one shown is 10".
2. To make the pattern, draw a line 10" long. Mark the midpoint at 5". Draw a perpendicular line going up from the midpoint. Take a ruler and measure from the end of the first line to a point 10" up the perpendicular line. The star is equilateral (all sides measuring the same). Measure 1" in and mark a smaller triangle inside the larger.
3. Trace the pattern on a piece of foamboard and cut two triangles using the straight cutter or craft knife.
4. Lay one triangle on top of the other as shown in photo with one pointing up and one pointing down. Secure with tape gun.
5. Tie a narrow ribbon around one of the points of the star to hang.



Finished size: 10" x 10"

Bunny Basket

This would make a great Easter basket for a young child. It's very light and easy to make. Let your little one color in the bunny's face.

Time	Difficulty
1 hour	Easy

You will need:

3/16" foamboard
FoamWerks Straight Cutter (WC-6001)
Foamwerks Freestyle Cutter (WB-6020)
Art Deckle 4-Way Stylus (A1303)
Paint or ink for ears
Stencil brush
Egg-shaped paper punch
Heart-shaped paper punch
Pink and black paper
White wire or chenile stems
Cotton ball or large white pompom
White marabou (fur) trim
Zip Dry Paper Glue
Glue gun

Instructions:

Diagram 1

1. Transfer pattern to foamboard (see **Diagram 1**).
2. Cut out bunny shape with the Freestyle Cutter.
3. Cut the inside lines with the V-groove Cutter. These lines should be cut on back of bunny pattern.
4. Lay flat and add details such as paint, eyes, fur, buttons, stickers, etc. For eyes, use egg paper punch to punch two pink and two black egg shapes. Place the black eggs on the pink eggs and lower slightly as seen in photo. Glue together and glue to head. Punch a heart shape from pink paper. Glue to bunny face upside down as nose. Make small holes on either side of nose and bring white chenille stems or wire through as whiskers. With stencil brush, dab pink ink up in ear centers and on cheeks.
5. Punch holes where handles will go. The handle is wire wrapped with marabou fur trim and glued at each end to secure. You could also use ribbon, chenille stems or plain wire with beads added in pastel colors.
6. Glue pompom or cotton ball on back of bunny for tail.
7. Fold up into basket shape and glue sides at an angle to front and back of basket.
8. Fill with Easter grass and candy!

Finished size: 10" x 6" x 4"

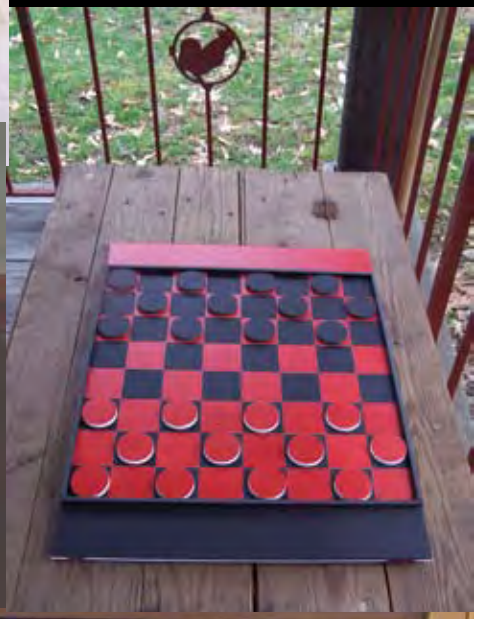
DESIGNER TIPS:

It's easy to trace patterns onto foamboard using the tracing wheel method. This method saves time because there's no cutting out of the pattern and then tracing around the shape. The design is traced through the paper and directly onto the foamboard.

Copy pattern onto plain white paper, enlarging as necessary. With a tracing wheel, follow outline of pattern and press through paper onto board using consistent pressure. With craft knife or Foamwerks Freestyle Cutter, cut out using dots as guide. To eliminate the "dots" left by the tracing wheel, make your cut just inside of them.

Tracing wheels may be found in the sewing section of fabric stores. It's a good idea to practice on a scrap of board first. You can usually get about 3 uses out of your pattern.


GONE FISHIN'




Sage
Rosemary
Thyme

Summary

I hope you have found some of these projects to be of interest to you. But, really, we have only scratched the surface of what can be done with foamboard. Keep it in mind for projects down the road.

When you're cleaning your sock drawer and want those cool dividers that they sell for outrageous prices, just take some measurements, grab some foam scraps and cut yourself some custom personal dividers, notched to fit in your drawer.

Make a bunch of similar-sized boxes and organize your craft supplies. Label with fun markers.

Use foamboard at special events. Create centerpieces and favors for your guests and make the occasion one all will remember.

Use foamboard for family photos, ornaments, school projects, displays for work and school, home decor items, wall art, shelving, craft projects, boxes, cards, totes and anything else you can figure out. Remember, this material is available anywhere at great prices, so go out and buy some to have on hand for your next experiment.

Thanks for taking the time to look through this book. Allow your imagination to run wild and see what you can come up with. Thanks for reading!

-Eileen

Sources:

Cutting Tools

Logan Graphic Products, Inc.
1100 Brown Street
Wauconda, IL 60084 USA
ph. 847-526-5515
toll free 800-331-6232
www.logangraphic.com

FoamWerks Foamboard Circle Cutter (WA-8001)
FoamWerks Foamboard Straight Cutter (WC-6001)
FoamWerks Foamboard V-Groove Cutter (WC-2001)
FoamWerks Foamboard Rabbet Cutter (WC-4010)
FoamWerks Foamboard Channel Rail (W-3001)
FoamWerks Foamboard Hole Drill (WD-8010)
Logan 701 Straight Cutter
A1303 Art Deckle 4-Way Stylus
301-S Compact Mat Cutter

Markers

Sakura of America
Hayward, CA
800-776-6257
www.sakuraofamerica.com

Metallic Calligraphy Pens (used in Dimensional Stars project)
Pen-touch Calligrapher - silver
Pen-touch Calligrapher - gold
Permapaque copper
Permapaque black and brown markers (used in Halloween Wreath project and details as snowman)

Styrofoam

FloraCraft Corporation
One Longfellow Place
Ludington, MI 49431
800-253-0409
(231) 845-0240

Solar System Model kit
www.floracraft.com

Glue

Beacon Adhesives
Zip Dry Paper Glue
Customer Service: 800-865-7238
www.beaconcreates.com

Paints

Krylon®
www.krylon.com
800-4KRYLON
(800-457-9566)
Krylon® Spray Adhesive
(used throughout book to adhere paper to foamboard)
Krylon® Preserve It! Matte Finish (used throughout book to seal projects for indoor and outdoor use)
Krylon® Interior- Exterior Spray Paint
(used in Beach Sign project)
Krylon® Interior- Exterior Spray Paint
(used to paint pumpkins orange)
Krylon® Make It Stone! (used in Pyramid project)
Krylon® Make it Suede! (used in Tree in project)

Glow in the dark paint (used for the Solar System)
DecoArt
Stanford, KY 40484
www.decoart.com

Wood

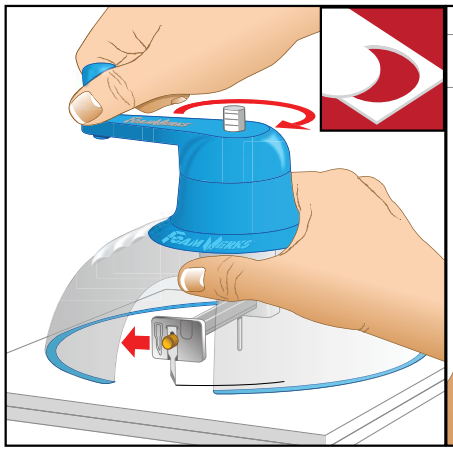
Midwest Products Co., Inc.
400 S. Indiana St.
PO Box 564
Hobart, IN 46342
(800) 348-3497
www.midwestproducts.com
wooden dowel (used in Water Wheel project)

Trim

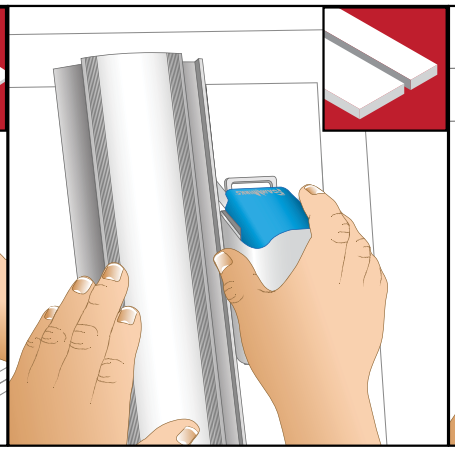
Expo International, Inc.
5361 Braxton Dr.
Houston, TX 77036
703-782-6600
800-542-4367
www.expointl.com
Beaded trims (used in Cornice project)

FoamWerks Tool Guide

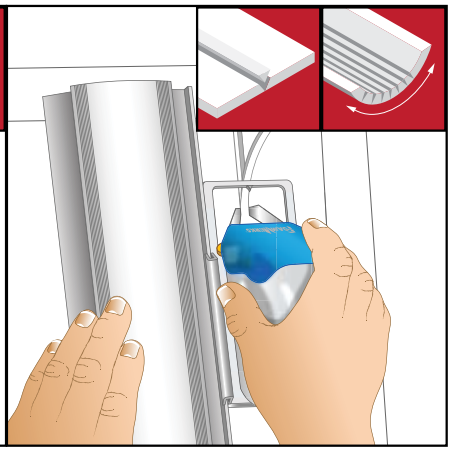
Which tool is right for your project?



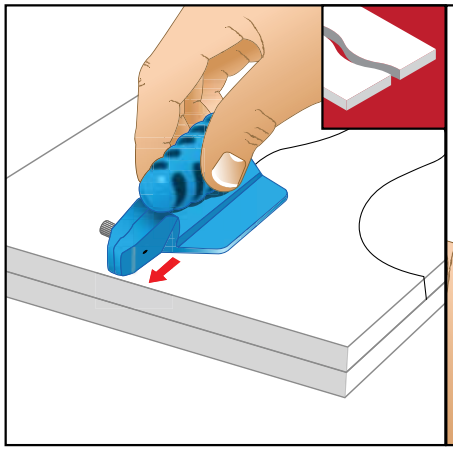
WA-8001 FoamWerks
Circle Cutter



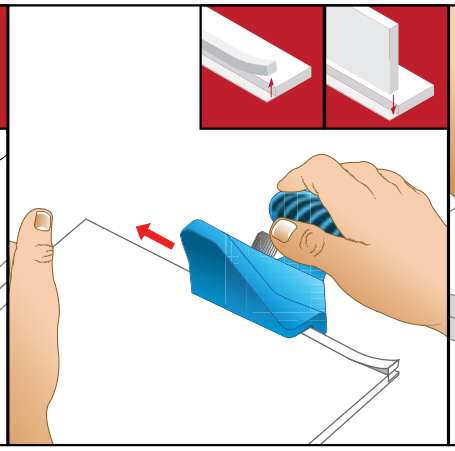
WC-6001 FoamWerks
Straight Cutter



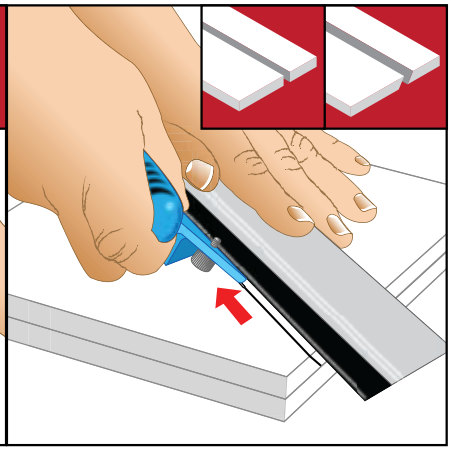
WC-2001 FoamWerks
V-Groove Cutter



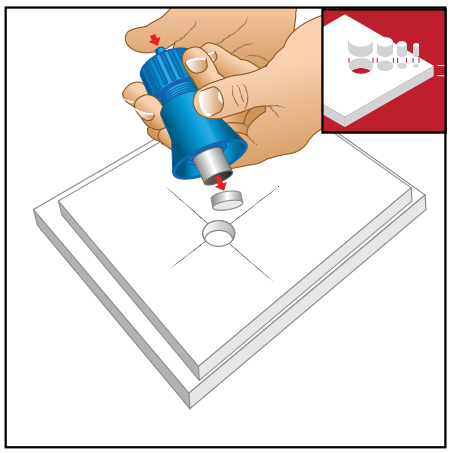
WB-6020 FoamWerks
Freestyle Cutter



WC-4010 FoamWerks
Rabbet Cutter



WC-6010 FoamWerks
Straight/Bevel Cutter



WD-8010 FoamWerks
Hole Drill

FoamWerks™
www.foamwerks.com

Taking foamboard to the cutting edge of creativity