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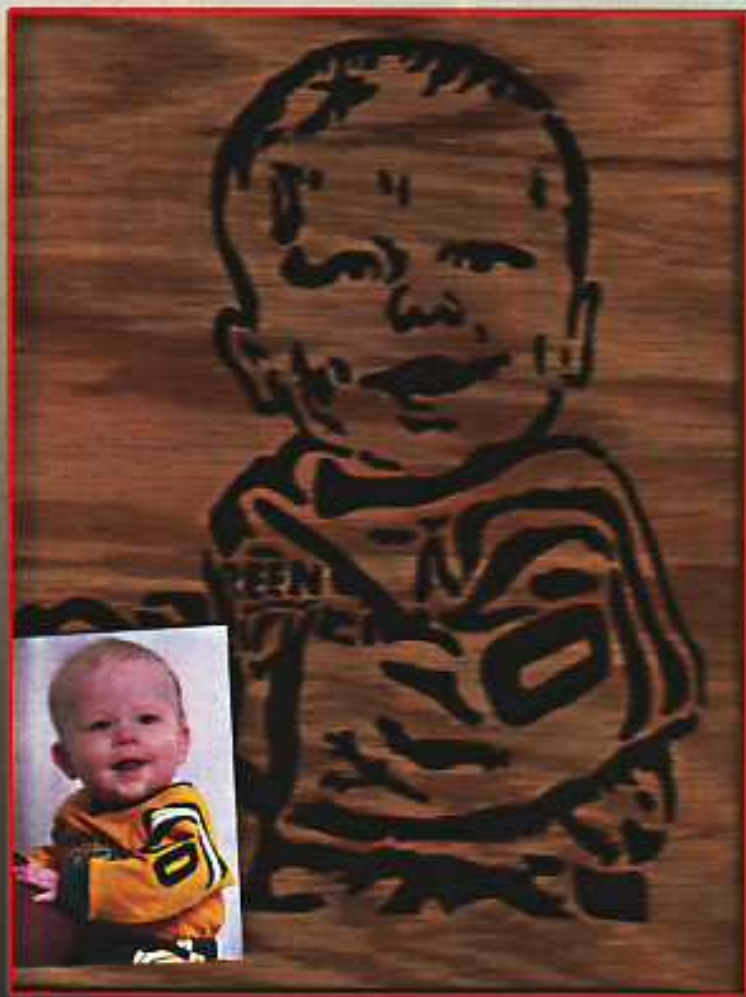
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CREATIVE WOODWORKS & CRAFTS® Holiday 2009, No. 143

All American Crafts, Inc. 2009

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LOCATED IN PULL OUT PATTERN SECTION NO. 1 FOUND IN THIS ISSUE.

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Horse-Drawn Sleigh Plaque



Gift Tag
Ornaments



Snowman Clock



Christmas Star
Ornaments



Christmas in the City



Family Photo
Ornaments



Colorful Christmas Ornaments



Candlelit
Christmas Tree



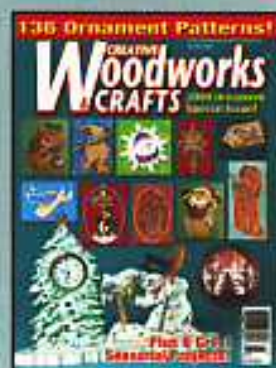
Elegant Fretcut Ornaments



Winter Pals
Ornaments



Frolicking Snowmen
Ornaments



On the cover: This issue's cover features assorted projects from our many talented designers.

THE FULL SIZE PATTERNS FOR THE PROJECTS SHOWN ON THIS PAGE ARE LOCATED IN PULL OUT PATTERN SECTION NO. 2 FOUND IN THIS ISSUE.



A Host of Angel Ornaments

designed by Dirk Boelman; sawn by Dirk and Karen Boelman



Introduction

Picture this assortment of heavenly angels flying among the branches of your Christmas tree—what a great reminder that angels are watching over us! Be sure to read our cutting and finishing suggestions in the introduction to our Joyful Tidings Ornaments on page 42 for lots of great ideas for making these angels even more special. Merry Christmas!

INSTRUCTIONS

Photocopy the patterns, saving the originals for future use. Attach the patterns to the wood using temporary-bond spray adhesive. Drill for all entry holes, and cut out the designs. Remove the patterns, sand the ornaments to smooth the surfaces, and attach a hanger of choice.

For questions concerning this project, send a SASE to: Dirk Boelman, P.O. Box 701, Platteville, WI 53818; or email: dirkdraws@centurytel.net.



SUPPLIES

Wood: 1/8" thick wood of choice—one piece 2' to 4' x 2' to 3" (approximate measurement, for each ornament)

Tools: scroll saw with blades of choice; drill with assorted small bits

Temporary-bond spray adhesive

Sandpaper; assorted grits

Please refer to all manufacturer's labels for proper product usage.

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PRESIDENT
Jerry Cohen

from the editor's desk

Welcome to this edition of *Creative Woodworks & Crafts*! Before discussing specific projects in this issue, I want to acknowledge the excellence of my colleague, Debbie McGowan, Managing Editor of this publication. For several years, Debbie has quietly been doing an outstanding job working with the project designers to make each issue "the best one yet." She makes it seem effortless, but just look at the pattern pull-outs in this edition—they are "packed to the gills" with good patterns, and that's just a small fraction of what she oversees: she is literally involved with every aspect of production and project selection. In short, if you like *Creative Woodworks & Crafts*, thank Debbie!

We're also blessed with a great bunch of project designers, and they just keep getting better. Sheila Landry has done some "heavy lifting" for this issue—a Segmented Sleigh, two beautiful sets of ornaments, and an informative article which demonstrates how you, the woodworker, greatly affect the final outcome of a project through the materials you use and the techniques you choose to incorporate.

Dirk Boelman, our perennial "scroll saw pattern artist extraordinaire," offers a great selection of forty-seven tree trimmers—crosses, angels, pierced-cut designs, and musical instruments. Billie Holm has outdone herself this season with a magnificent array of colorful ornaments, presenting the traditional holiday themes in new and refreshing ways. And from across the ocean, Sue Mey, a consummate scroll-sawing "pro" from South Africa, graces the pages of this issue with her lovely fretcut ornaments and Christmas in the City shadowbox. We've been in awe of Sue's creativity, as well as the sheer volume and diversity of her unique creations.

Wayne and Jacob Fowler have also made fine contributions; check out the face of the Madonna on page 20 and you'll see a subtly beautiful accomplishment. Over the years, we've observed that human faces are one of the most difficult elements to get right with the scroll saw—both in the design and cutting—because the slightest imperfection results in a sense of distortion; yet time after time, Jacob Fowler designs "great faces," and Wayne cuts them in such a way as to do them justice.

There's truly not enough room here to adequately thank ALL our marvelous designers, as well as you, our readers, so let me simply say THANK YOU all for making this venture called *Creative Woodworks & Crafts* a success.

Until the next issue, wishing you all health, happiness, and prosperity.

Sincerely,

Robert A. Becker

Pattern Correction to Hinge-Lid Jewelry Box from September 2009 Issue



Thanks to readers for bringing to our attention that the dashed lines on the patterns for the Hinge-Lid Jewelry Box Top Compartment and Box Lid are missing! We apologize for any inconvenience this may have caused. Please see the diagrams above, showing which lines should be dashed and which should remain solid.

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Angelic Choir Ornaments

by Billie (BJ) Holm



Introduction

This charming group of angelic choir members would make a beautiful gift for your favorite singer. Consider displaying them on a tabletop tree placed on a piano—you may find that they encourage visitors to your home to share in some Christmas carolling!

INSTRUCTIONS

Photocopy the patterns, saving the originals for future use. Sand and tack the wood to remove all dust. Using temporary-bond spray adhesive, attach the patterns to the wood. Drill for all entry holes. Make all cuts using a No. 5 blade. Remove the patterns, and carefully sand and tack the pieces. If you choose to paint or stain them, refer to the photos for suggested color placement. When dry, apply two to three coats of clear spray finish, allowing each coat to dry before applying the next. Tie a 6"-8" length of fishing line or thread through each hole for a hanger.

SUPPLIES

Wood: 1/8"- to 1/4"-thick plywood or hardwood of choice—one piece 4-1/2" x 4-1/2" (for flying angel), one piece 3" x 3-1/2" (for each singing angel), one piece 3-1/2" x 3-1/2" (for smiling angel)

Tools: scroll saw with No. 5 blades; drill with assorted small bits

Temporary-bond spray adhesive

Sandpaper, assorted grits

Tack cloth

Stain or acrylic paints (optional)

Paintbrushes (optional)

Clear spray finish

Fishing line or nylon thread (for hangers)

Please refer to all manufacturer's labels for proper product usage.

For questions concerning this project, please email Billie at BJHolm51@yahoo.com.



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Christmas Star Ornaments

by Sheila Landry



Introduction

This assortment of a dozen Christmas star ornaments would make a beautiful garland to drape from a mantel. Eliminate the hanging hole from the top of the design, and attach a star to the manger of a nativity set to serve as the star shining over Bethlehem. While the pieces shown here were finished using ivory spray paint and gold glitter, many options are available. Consider using gold paint with clear glitter. Or, if you use hardwood for your ornaments, you may want to simply apply a clear finish to the pieces, allowing the beautiful wood grain to show. Be creative when putting these patterns to use!

SUPPLIES

Wood: Baltic birch plywood, maple or hardwood of choice—one piece 1/8" x 3-1/2" x 5" (for each ornament, approximate measurement)
Tools: scroll saw with No. 2/0 reverse-tooth blades; drill press with small bits; handheld orbital sander with assorted-grits (120-400) sandpaper; planer (for proper wood thickness); vacuum with soft-brush attachment
Temporary-bond spray adhesive
Clear 2"-wide packaging tape
White or ivory spray paint
Gold spray-on glitter
Spray-on varnish in finish of choice
Thin gold metallic cord (for hangers)

Please refer to all manufacturer's labels for proper product usage.



INSTRUCTIONS

Step 1. Plane the work pieces to 1/8" thick. Using the orbital sander and 120-grit sandpaper, sand both sides of the wood to smooth the surfaces and remove the planer marks. Graduate to 220-grit sandpaper, then 400-grit, until the surfaces are satin smooth. Using the soft-brush attachment, vacuum all dust and debris from the wood.

Step 2. Photocopy the patterns, saving the originals for future use. Lightly mist the backs of the patterns with temporary-band spray adhesive. Allow the adhesive to tack up for a few seconds until it feels as tacky as masking tape, and attach the patterns to the wood. Apply a layer of clear packaging tape over the entire surface of the design.

Step 3. Drill for all entry holes in the designs, as well as for the hanging holes in the tops of the ornaments. After drilling, sand the back sides of the pieces so they are perfectly flat. Remove excess dust using the vacuum and soft-brush attachment.

Step 4. Using the No. 2/0 blade, make all the cuts, starting with the innermost portion of the design and working out

toward the perimeter. (The use of a zero-clearance scroll saw table insert when cutting is recommended.)

Step 5. Remove the patterns, and vacuum all dust from the pieces. Spray several coats of ivory or white spray paint on both sides of each ornament, allowing each coat to dry before applying the next. When dry, apply several light coats of glitter to add sparkle to the finished pieces. To finish, apply several coats of clear spray varnish, allowing each coat to dry before applying the next.

Step 6. Wrap the cord once around a CD case or DVD box and cut the cord at that point. This provides an appropriate length of cord for a hanger. Thread the cord through the hole at the top of the ornament, and knot the ends.

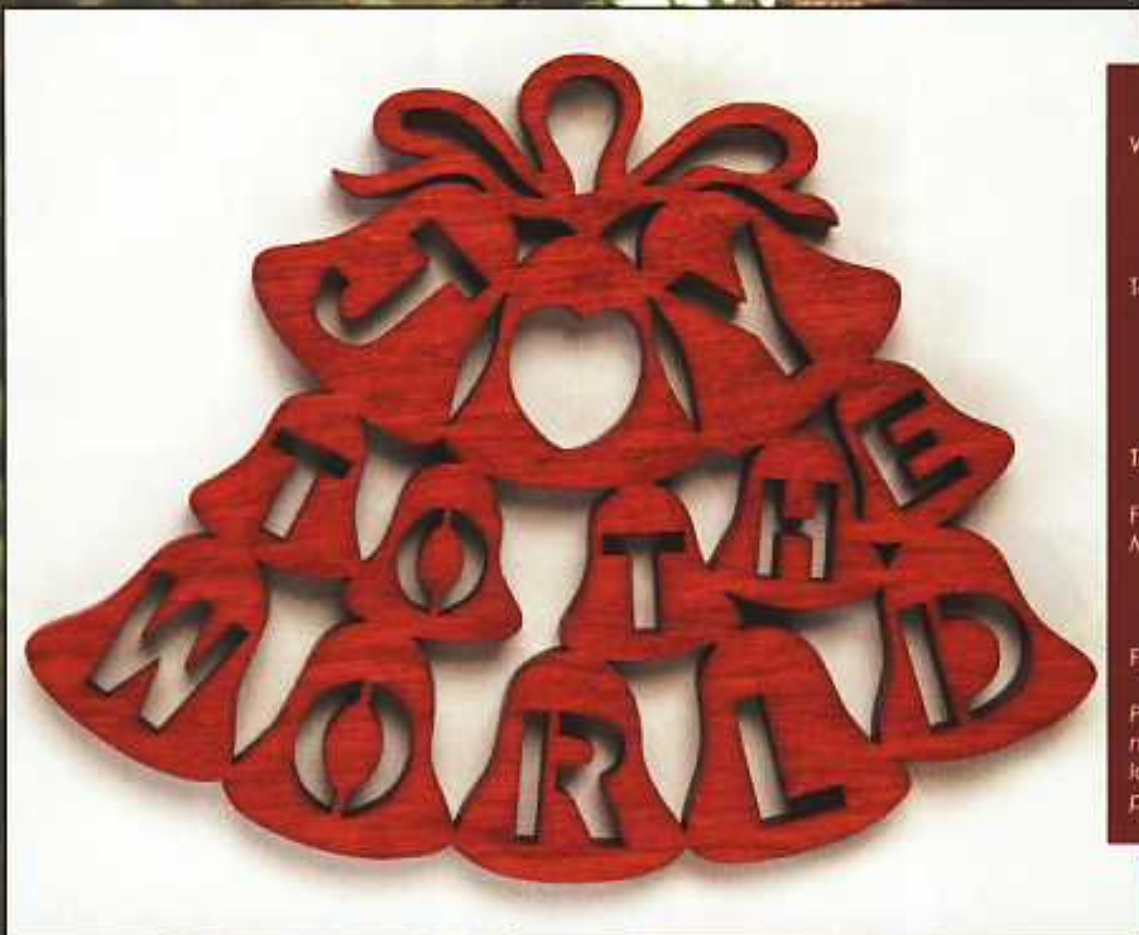
For questions concerning this project, please contact Sheila at (902) 482-7174 or email her at: sheilalandrydesigns@gmail.com. To view other patterns, purchase items, or download free brochures of Sheila's designs, visit her website, www.sheilalandrydesigns.com.





Joy to the World Bells

by Paul Boer



SUPPLIES

Wood: cherry or other red-colored hardwood of choice—one piece 3/8" x 6" x 7"
Tools: scroll saw with No. 2 and No. 1 blades (skip-tooth or reverse-tooth); drill press with small bit
Temporary-bond spray adhesive
Fine-grit sandpaper
MinWax water-based stain in Sedona Red, or color of choice
Foam brush

Please refer to all manufacturer's labels for proper product usage.

Introduction

Woodworkers tend to be very creative, just as the title of our favorite magazine suggests! Many of us like to change and adapt patterns to make the project our own. (Even my own father likes to change my patterns!) I was able to design the pattern portion of this project without too much difficulty, but I did a lot of head-scratching when trying to decide what type of wood to use and how to finish it to create a Christmas look. On my first attempt, I used maple wood, stained the bells grey, and painted the ribbon gold, but it didn't look quite right. I prefer the version I created using reddish-stained cherry wood, as shown in the lead photo.

I challenge you to take this project and make it your own by varying the type of wood, finish, or stain used, or by using a completely different finishing technique. I'd love to hear from you and see your interpretation.

INSTRUCTIONS

Step 1. Sand both surfaces of the wood until smooth. Photocopy the pattern, saving the original for future

use. Using temporary-bond spray adhesive, attach the pattern to the wood.

Step 2. Using a drill press and a small bit, drill all entry holes for the interior cuts in the design. Using a No. 2/0 or No. 1 blade, make all the interior cuts. Drill a starter hole near the outer edge of the design. (The use of a starter hole eliminates most of the chatter created by cutting in from the edge.) Cut the perimeter of the design using a No. 1 blade.

Step 3. Remove the pattern. Hand sand the wood to soften the sharp edges and remove any burrs. Remove all sanding dust. Apply two coats of stain, or your finish of choice, following the manufacturer's instructions for application. When dry, display or give away your completed Christmas bells, and spread the joy!

For questions concerning this project, send a SASE to Paul at: 16665 Thornton Ave., South Holland, IL 60473, or email him at: paulanddori@sbcglobal.net.



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The Emerson Snowflake Clock

by Dan and Ray Wilkens



Introduction

This colorful snowflake clock is named "The Emerson" in honor of our good friends, Brian and Jaci Emerson, who had the original concept for this creative design. As shown in the photo, the clock is outfitted with a quartz movement, decorative center snowflake overlay, and scrolled numbers at the end of each snowflake "branch." However, if desired, a mini-clock insert can be substituted for the quartz movement. In that case, simply replace the center snowflake overlay and quartz movement cover with the mini insert (a larger mounting hole will be required), and do not add the number overlays. Either variation serves as a creative symbol of winter "time."



SUPPLIES

Tools: scroll saw; drill press with very small drill bit for starter holes; table saw or similar saw; planer (for proper wood thickness); belt sander or handheld sander; assorted clamps; X-Acto knife and/or needle pick; Temporary-bond spray adhesive; Sandpaper, assorted grits; Wood glue; Oil finish of choice; Standard long-shaft quartz movement requiring a 3/8"-diameter mounting hole, or 2"-diameter mini clock insert requiring a 1-55/64"-diameter mounting hole*

*Available from The Art Factory, 800-566-6394; P.O. Box 701, Platteville, WI 53818; www.theartfactory.com.

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	1/4 x 3 x 4-1/8	1	Upright Base
	1/8 x 1-1/2 x 10	1	Front Icicles
	1/8 x 1-1/2 x 6-1/4	2	Side Icicles
	1/8 x 3-1/4 x 3-3/4	2	Medium Snowflake
	1/8 x 2-1/2 x 3	18	Small Snowflake
	1/8 x 3 x 3	1	Center Overlay
	1/8 x 3-1/8 x 3-1/8	1	Quartz Movement Cover
Type 2	3/4 x 3-1/2 x 6	1	Base
	1/2 x 6 x 9-3/4	1	Floor
	1/2 x 13 x 13	1	Large Snowflake
Type 3	1/8 x 1-1/2 x 1-1/2	12	Number Overlays

*Available from Sloan's Woodshop, 3453 Catts Rd., Lebanon, TN 37090; 888-615-9663; www.sloanswoodshop.com.

INSTRUCTIONS

Preparing the wood

Step 1. Copy the patterns, saving the originals for future use. (Two copies of the large snowflake pattern will be required. The snowflake can either be cut as two halves, then glued together during assembly, or it can be cut as one large piece. If you plan to cut it as one large piece, you will need to join the two pattern copies along the center line before attaching the pattern to the wood.) After selecting your wood, plane it to the proper thickness. Cut the wood to the size of the patterns. All straight-edge pieces should be cut to size on a table saw or equivalent for accurate dimensions and straight edges. Cut scroll saw edges to be oversize.

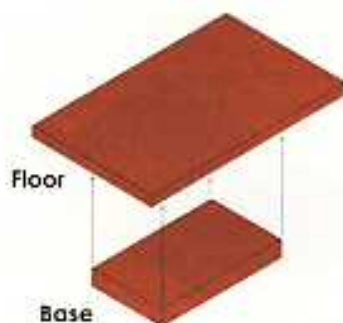
Step 2. Attach the patterns to the appropriate wood pieces using temporary-bond spray adhesive. Align the straight edges of the patterns with the straight edges of the wood you have cut.

Step 3. Using a small drill bit, drill a hole in the waste area of each cutout. Feed the scroll saw blade through the small holes and cut along the lines. Feed the blade through the next hole and so on, making all the interior cuts first. For exterior cuts, you can cut in from the edge or drill a small hole just outside the exterior line.

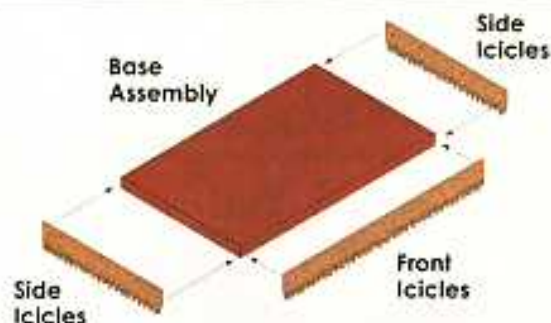
Step 4. Remove the patterns from the pieces by carefully peeling them off. Sand the pieces using a belt sander or handheld sander. Remove any burrs and clean up any cuts using an X-Acto knife or a needle pick.

Assembling the clock

Note: On all seams, run a small bead of glue, and sand while the glue is still wet. This should fill any seams.

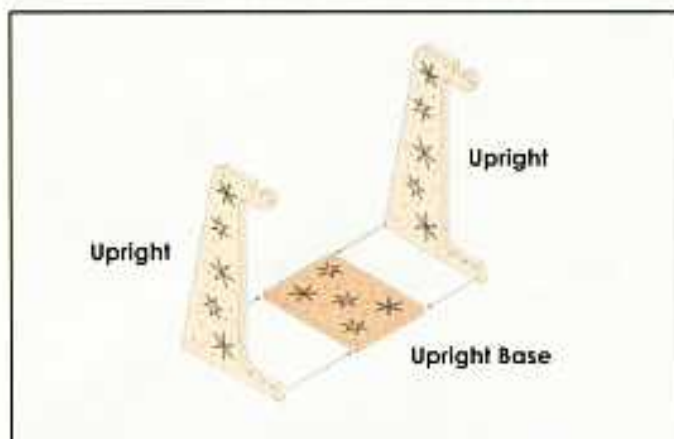


Step 5. Center and glue the base to the bottom of the floor.



Step 6. Glue the side icicles to the sides of the base assembly. They need to be flush with the base assembly at the front, back, and top edges. Glue the front icicles to the front of the base assembly. They need to be flush with the base assembly at the side and top edges.

continued on page 18



Step 7. Center and glue the uprights to the upright base. They need to be centered on the base, flush on the bottom, and perpendicular to the base.



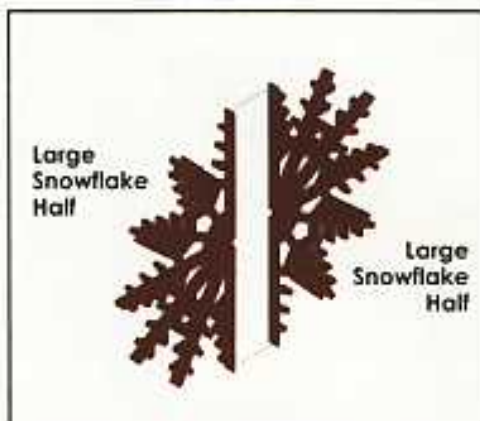
Step 8. Center the upright assembly on the base assembly, and glue in place.



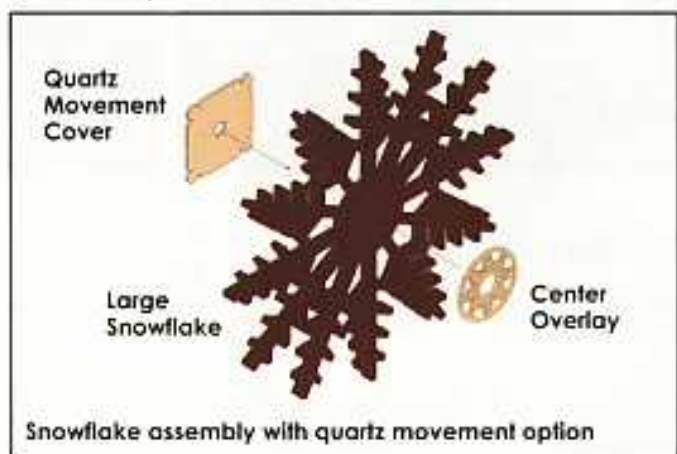
Step 9. Position two medium snowflakes on the base, one on each side of the upright assembly. The snowflakes

should be centered front to back, and centered between the edges of the base and the upright assembly.

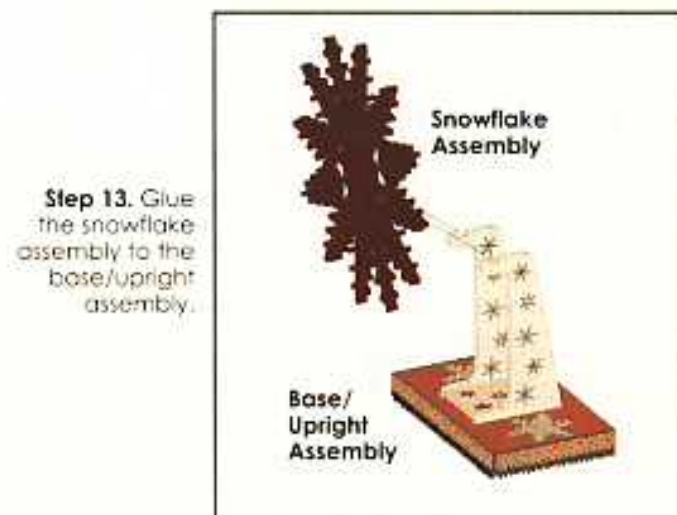
Step 10. If you cut the large snowflake in two halves, glue the pieces together along the center line. (If you cut the large snowflake as one large piece, continue to the next step.)



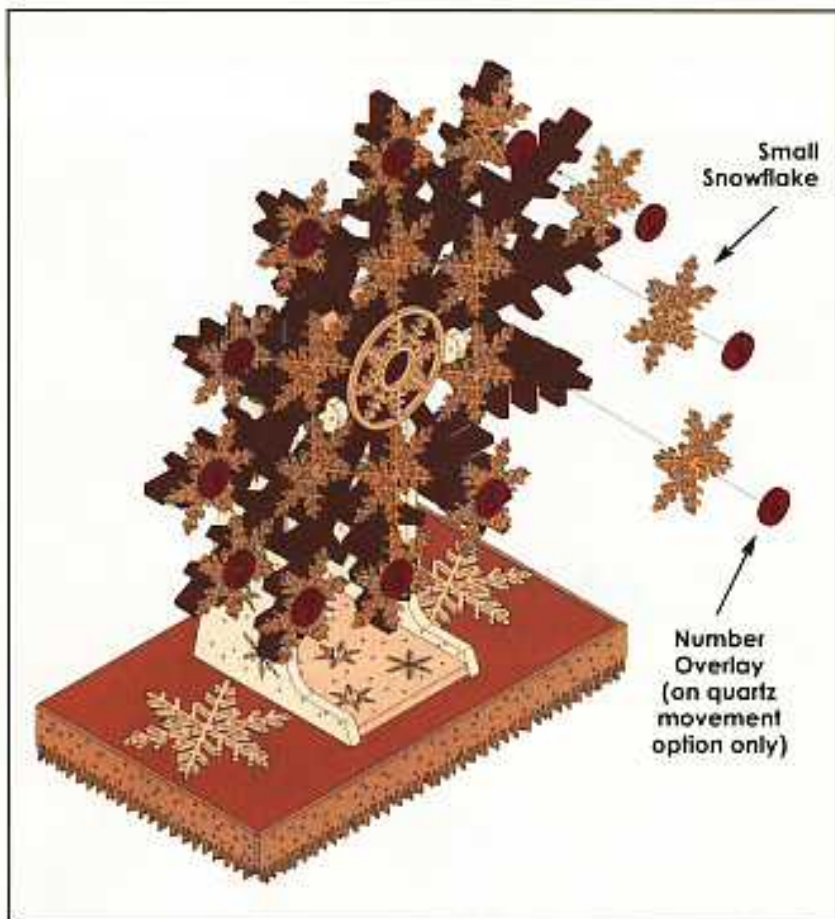
Step 11. Drill the proper sized hole in the center of the large snowflake, depending upon the type of clock movement/insert you have selected.



Step 12. If using the quartz movement option, center and glue the center overlay to the front middle section of the large snowflake, and center and glue the quartz movement cover to the back middle section of the large snowflake. (If using a clock insert, continue to the next step.)



Step 13. Glue the snowflake assembly to the base/upright assembly.



Step 14. Position a small snowflake on the end of each "branch" of the large snowflake, and glue in place. Also glue a small snowflake to the middle of the branches in the 12:00, 2:00, 4:00, 6:00, 8:00, and 10:00 positions. (Refer to the diagram and lead photo for placement.) If using the quartz movement option, center the appropriate scrolled number overlay on each outer small snowflake, and glue in place.

Step 15. Allow all glue to dry for a minimum of one hour. Apply your oil finish of choice following the manufacturer's instructions, and let dry completely. Install the quartz movement or clock insert, referring to the manufacturer's instructions for installation.

For questions concerning this project, send a SASE to: Wilkens Woodworking, P.O. Box 520496, Independence, MO 64052, or email: wilkwood@aol.com.



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Heavenly Peace

pattern by Jacob Fowler, cut and finished by Wayne Fowler



SUPPLIES

Wood: cherry or wood of choice—one piece 1/8" to 1/2" x 5-1/2" x 3-1/4" (for Madonna with Child); white or yellow hardwood, such as aspen, hackberry, or maple—one piece 1/8" to 1/2" x 6-1/4" x 4-1/4" (for dove with holly)

Tools: scroll saw with No. 2R blades (for majority of cuts) and No. 1 or No. 2/0 blades (for finer cuts); drill with assorted bits; fixed disc or belt sander with assorted-grit discs or belts

Temporary-bond spray adhesive

Sandpaper, assorted grits

Clear packing tape

Finishing oil of choice, such as tung, walnut, or Danish

Clean paintbrush

Clear fishing line, thin ribbon, or other hanger of choice

Please refer to all manufacturer's labels for proper product usage.

Background paper by The Robin's Nest.



Introduction

Each year, I always look forward to the holiday issue of *Creative Woodworks & Crafts* because of all the ornament patterns. I tend to classify ornaments as "commercial ornaments," meaning they have few cuts, can be stack cut, and can be sold at craft sales at a reasonable profit, or "gift ornaments," meaning they are a challenge to cut, make great gifts for friends and family, and lead my wife to tell me I'm crazy to attempt cutting them! Like the Teddy Bear and Dog in Stocking ornaments featured on page 50 of this issue, I consider the two pieces shown here to be "gift ornaments."

The Madonna with Child was cut from a piece of 1/4"-thick cherry, and the dove was cut from 3/8"-thick maple. Both pieces were cut on an Excalibur EX21 saw, using a No. 2R blade for the majority of the cuts, and a No. 1 blade for the finer details. Although I did not try stack cutting either of the pieces, I will likely try the dove in a stack cut before my Christmas sales.

INSTRUCTIONS

Step 1. Photocopy the patterns, saving the originals for future use. I recommend applying a layer of clear packing tape to the surface of the wood prior to attaching the patterns using temporary-bond spray adhesive. The tape seems to reduce the burn from the tight turns you will have to make while cutting the pattern, and it makes it easier to handle the piece during cutting.

Step 2. Drill for all entry holes. I recommend using a No. 2 reverse-tooth blade when cutting in order to reduce chipping on the bottom of the piece, but you may wish to switch to a No. 1 or No. 2/3 blade to make the finer cuts, such as on the Madonna's face.

Step 3. Remove the patterns. If you used packing tape, simply peel off the tape. Otherwise, remove the patterns using your method of choice.

Step 4. Sand both sides of the pieces using a belt or disc sander. I usually polish the faces of the wood using the sander fitted with a worn disc or belt (400- or 800-grit). If you are anything like me and cannot cut a straight line, this is also a good time to smooth out the straight sides of the Madonna ornament!

Step 5. Fold a 1/4 sheet of 220- or 400-grit sandpaper around your thumb, and remove any remaining burrs from the interior cut edges. Also use the sandpaper to lightly round the edges.

Step 6. Clean the pieces using a clean paintbrush or other tool of choice. Apply a thin oil, such as walnut, tung, or a mixture of both, to seal the inner edges. Let the oil dry completely.

Step 7. To display the ornaments, we usually string them with clear fishing line in order that the hanger does not detract from the cutting. However, thin red or green ribbon also looks nice if the top of the piece can support the larger hole that would be needed for threading the ribbon.

Send questions concerning this project to: Wayne Fowler, 33 Longmeadow Cres., Markham, Ontario, Canada L3R 3J6; or email him at: fantasiesaw@rogers.com.





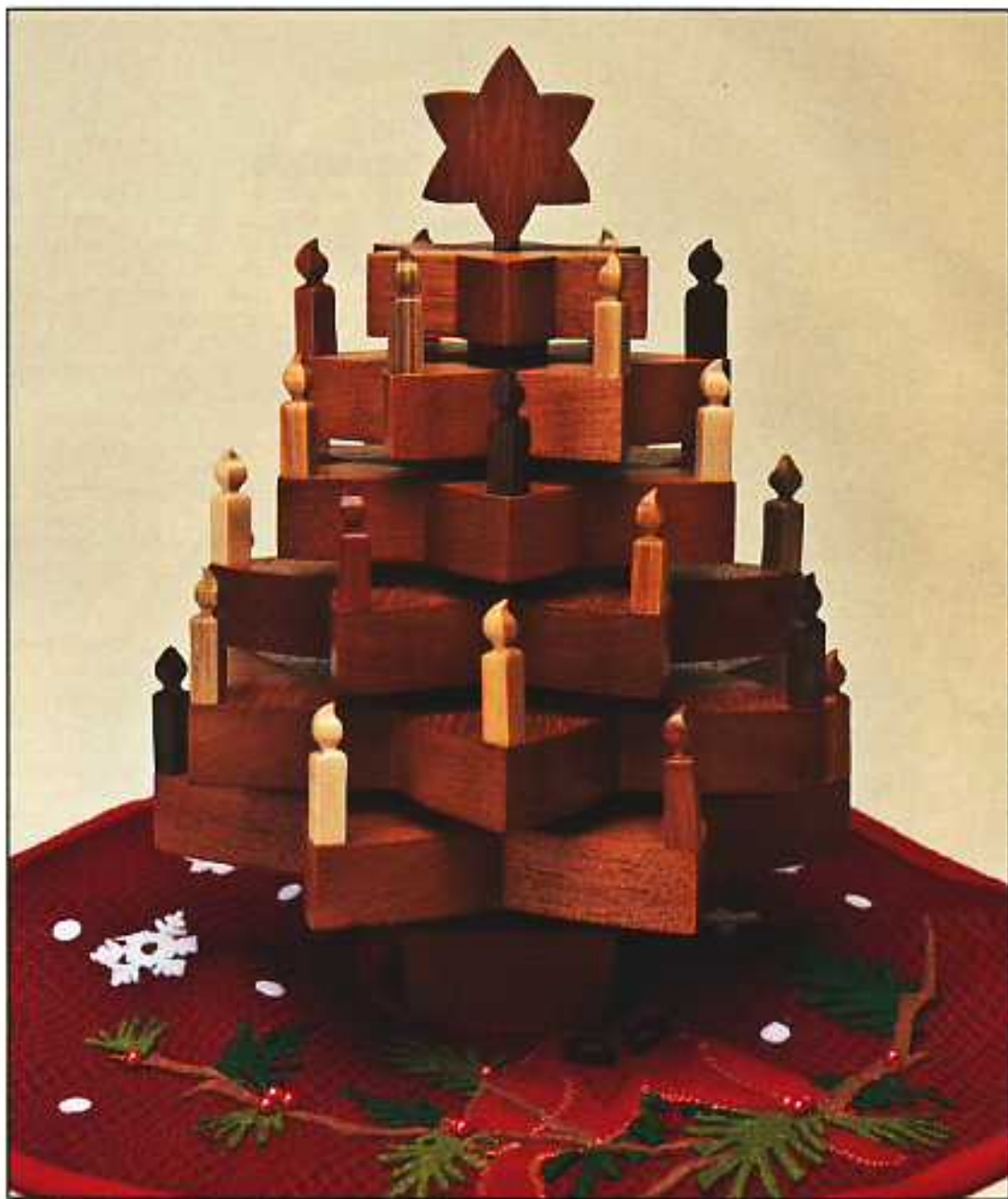
Candlelit Christmas Tree

by Diana Thompson

Introduction

Merry Christmas every one and a blessed new year! While this little tree will be my family's Christmas dinner table's centerpiece, there are many display options available for the quaint tabletop-sized piece.

I cut the tree from Spanish cedar. This wood, which is a lovely color, is very easy to work with and to finish. However, be aware that its aroma is extremely pungent and can be irritating to the respiratory system. Because of this, I recommend wearing a mask while cutting and sanding Spanish cedar. The candles were cut from whatever types of wood I had handy, using as many different colors as possible for variety. Take advantage of the selection of woods available to you, and use your imagination to create your color combination of choice.



SUPPLIES

Wood: Spanish cedar or wood of choice—one piece $3/4"$ x $9"$ x $21"$ (for tree tiers and top star), one piece $1"$ x $2-1/4"$ x $2-1/4"$ (for base), one piece $1/4"$ x $2"$ x $4"$ (for spacers); wood of choice in assorted colors—six pieces $3/4"$ x $7/8"$ x $1-5/8"$ (for large candles), nine pieces $3/4"$ x $7/8"$ x $1-1/2"$ (for small candles); dowel—one piece $1/4"$ -diameter x $7-3/4"$ long; scrap blocks of wood

Tools: scroll saw with No. 7 blades (for cutting tree parts) and No. 3 blades (for cutting candles); drill press with $1/4"$ bit; drill press vise; two small quick grip clamps

Temporary-bond spray adhesive

Wood glue

Small paintbrush

Clear finish of choice

Double-sided masking tape (optional)

Sandpaper, 220- and 400-grit

Ruler

Wood sealer

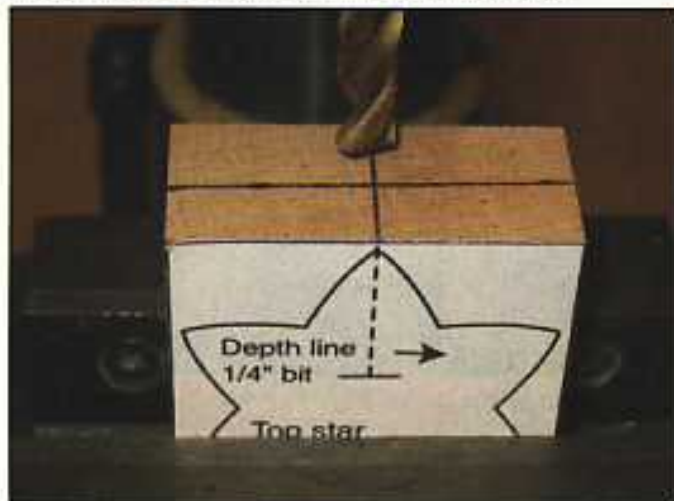
Please refer to all manufacturer's labels for proper product usage.

INSTRUCTIONS

Step 1. Photocopy the patterns, saving the originals for future use. Six copies of the tree tier pattern will be needed: two of Tier 1/2, and one each of Tiers 3-6. Six copies of the large candle patterns and nine copies of the small candle patterns are needed.

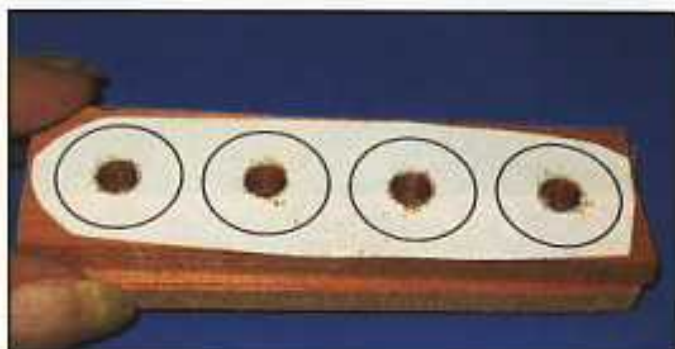


Step 2. Attach the pattern for the base to the 1"-thick work piece. Drill a 1/4"-diameter hole 3/4" deep into the center of the block. (Do not drill the hole all the way through the wood.) Tilt the saw table 6°. Using a No. 7 blade, cut along the perimeter of the pattern. (Use the No. 7 blade for cutting all the tree parts.) Return the saw table to 0°.



Step 3. Cut a block that will accommodate the top star pattern from the 3/4"-thick Spanish cedar workpiece. (Be sure the bottom edge of the block is square so that the block will sit level in the vise.) Attach the pattern for the top star to the work piece using temporary-bond spray adhesive. Position the block in a drill press vise so that the "depth line" on the pattern is at the top, and the arrow is pointing out. Extend the dotted line from the pattern down the width of the block, as shown in the photo. Also

draw a line across the width of the block that is parallel to the top edges and centered between the front and back surfaces. Drill a 1/4"-diameter, 3/4"-deep hole at the point where the lines intersect. (Do not drill all the way through the block.) After drilling the hole, cut along the perimeter of the pattern.



Step 4. Stack two pieces of 1/4"-thick stock for the spacers, and secure the stack using double-sided masking tape. Attach the spacers pattern to the top of the stack using temporary-bond spray adhesive. Drill a 1/4"-diameter hole all the way through the stack in the center of each spacer. (It is easier to drill the center holes prior to cutting the pieces.) Cut along the perimeter of each spacer. Separate the pieces. Only seven of the spacers are needed for the project; the eighth piece can be discarded.

Step 5. Trim the tree tiers patterns to the appropriate sizes, and attach them to the wood using temporary-bond spray adhesive. (You will need two of the Tier 1/2 pieces, and one each of Tiers 3-6.) Drill a 1/4"-diameter hole through the center of each piece, and cut along the perimeter of each pattern.



Step 6. At this stage, all the pieces for the tree have been cut.

continued on page 24

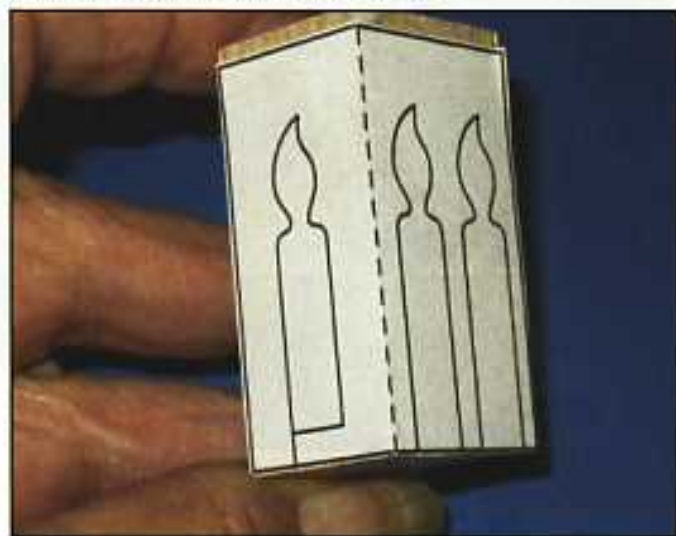


Step 7. Remove all patterns, and clean off any residual glue and dust. Test fit the pieces of the tree. Insert the dowel into the base, and slide two spacers onto the dowel. Working from largest to smallest, slide the tiers onto the dowel, inserting one spacer between each tier.

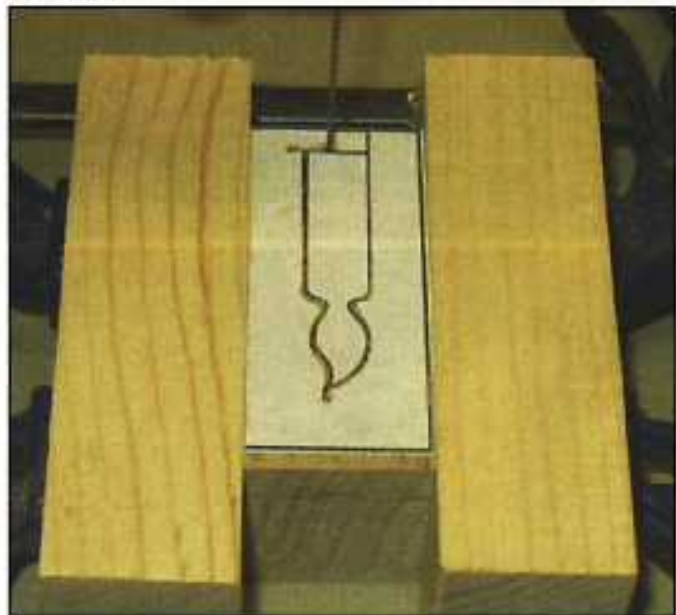


Step 8. Thread the top star onto the dowel. Trim the length of the dowel until the star sits flush to the top tier. (The dowel length listed in the supplies box is longer than necessary, in order to accommodate variations in wood thickness and allow for a custom fitting.) When satisfied with the fit of the pieces, remove the pieces from the dowel, and apply wood sealer to all the parts. When dry, sand the pieces using 220-grit sandpaper, then 400-grit sandpaper, until the surfaces are smooth. Reassemble the

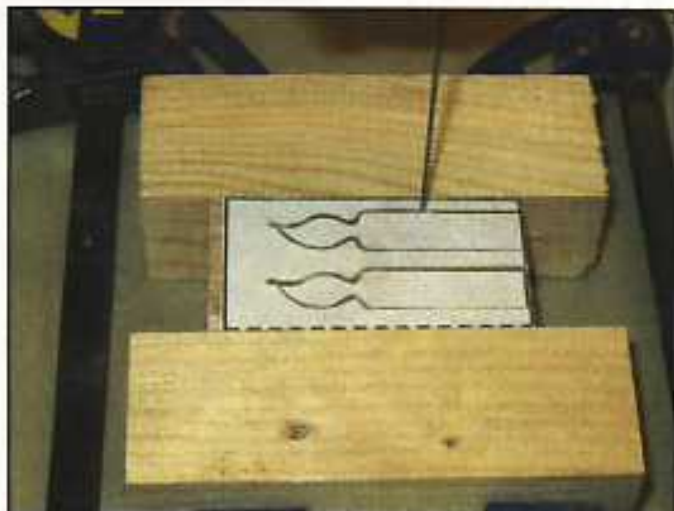
tree, applying wood glue to each layer as it is added. Allow the assembly to dry completely.



Step 9. Trim the candle patterns along the solid rectangular outlines, and fold each pattern along the dashed line. Lightly mist the back of each pattern with temporary-band spray adhesive. Wrap the pattern around the appropriate work piece, aligning the dashed line with the long edge of the block.



Step 10. Place the block between two pieces of spare stock, with the left side of the pattern—the side showing only one candle—facing up. Use small grips to clamp the spare stock to the block, tightening the grips enough to hold the block in place, but not so tight that they interfere with the blade's movement through the kerf. (Clamping the block to the spare stock provides more stability to the piece while cutting.) Using the No. 3 blade, cut the left side of the pattern. Note that entry and exit is made through the same straight line. The small section of wood at the bottom of the candle is left in place to prevent the candle from slipping out of the bottom of the block while cutting the right side.



Step 11. Turn the block so the right side of the pattern is facing up, and reclamp the block to the spare stock. (It is especially important to use this method when cutting the right side of the pattern because it prevents the candles from falling out as they are cut.) Using the No. 3 blade, cut the right side of the pattern. Note that there is no cutting line running across the bottom of the pattern, as there was on the left side. This is because the bottom of the candle was already cut loose when the left side was cut.



Step 12. Gently remove the figures from the block. Cut all the candles in this same manner, yielding 12 large candles and 18 small candles. Apply wood sealer to each candle. When dry, sand them smooth.

Step 13. To finish, glue a large candle to each point on the bottom two tree tiers, and glue a small candle to each point of the next three tiers. (Note that there are no candles on the top tier.) Apply several coats of clear finish to the tree, allowing each coat to dry before applying the next.

For questions concerning this project, send a SASE to: Diana Thompson, 6215 Old Pascagoula Rd., Theodore, AL 36582, or email her at: scrollergirl@aol.com. To view other designs by Diana, visit her website, www.scrollsawinspirations.com.



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7	.045"	.017"	11.5	3/4" to 1 1/2" hardwood
9	.053"	.018"	11.5	1 1/2" to 2 1/2" hardwood
12	.062"	.024"	9.5	straight-line cutting



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Colorful Christmas Ornaments

by Sue Mey



SUPPLIES

Wood: 1/8" thick MDF (medium density fiberboard)—two pieces*, approximately 3" x 3" (for each ornament)
 Tools: scroll saw with No. 3 reverse-tooth blades or blades of choice; drill press or hand drill with 1/16", 1/32", and 3/32" bits; scraper blade
 Temporary-bond spray adhesive
 Masking tape
 Double-sided tape
 Sandpaper, assorted grits
 Hard-bristled paintbrush
 Lint-free cloth
 Spray paint in green, red, and white (or colors of choice)
 Thin ribbon or string (for hangers)

*Although only one piece of wood is required for each ornament, stack cutting is recommended when cutting this thickness.

Please refer to all manufacturer's labels for proper product usage.



Introduction

These colorful ornaments will certainly "pop" on your Christmas tree! Use the suggested color scheme of red, green, and white, as shown, or experiment with other color combinations. Try using metallic gold and silver paints for a nice wintry effect, or use softer colors of mauve, light green, and pale blue for a Victorian feel. Have fun adding your personal touch!

INSTRUCTIONS

Step 1. Photocopy the patterns, saving the originals for future use. Stack the two pieces of MDF for each ornament, and secure the stack using small pieces of double-sided tape. Apply a layer of masking tape to the top of each stack. Using temporary-band spray adhesive, attach a pattern to the masking tape.

Step 2. Using the 3/32" bit, drill the holes that will accommodate the ribbon hangers. Use the 1/16" bit to drill the majority of the blade entry holes, and use the 1/32" bit to drill the blade entry holes for the very small openings.

Step 3. Using the No. 3 blade, make the inside cuts. (If you have stacked more than two pieces of MDF, you may wish to use a larger blade.) After making all inside cuts, cut the perimeter of the pattern.

Step 4. Remove the masking tape and patterns. Carefully pry apart the pieces by inserting a scraper blade between the layers. Remove any burrs from the cut edges using 150-grit sandpaper. Sand the surfaces of the pieces using 320-grit sandpaper until they are smooth. Use a hard-bristled paintbrush and a lint-free cloth to remove all sanding dust.

Step 5. Select a base color for the ornament. Apply several coats of this color to all surfaces of the ornament, allowing each coat to dry before applying the next. Apply short bursts of the second and third colors to different sections of the ornament. For an interesting effect, the accent colors can be applied while the base coat is still wet.

Step 6. When dry, thread a length of thin ribbon or string through the hole or opening in the top of each ornament for a hanger.

I live in Pretoria, South Africa, and I enjoy all the various aspects of scroll sawing. I can be contacted via e-mail at: sue@scrollsawartist.com or suem@storage.co.za. To see more of my work, including a wide variety of patterns and pattern-making tutorials available for purchase, visit www.scrollsawartist.com.



Variations on a (Woodworking) Theme



by Sheila Landry

When I first contemplate a new woodworking venture, there are many factors which contribute to a successful design. Of course, an appealing final product is the ultimate desired result, but there are many decisions to be made along the way which will directly affect the outcome of the project, such as the size of the finished piece and ease of execution.

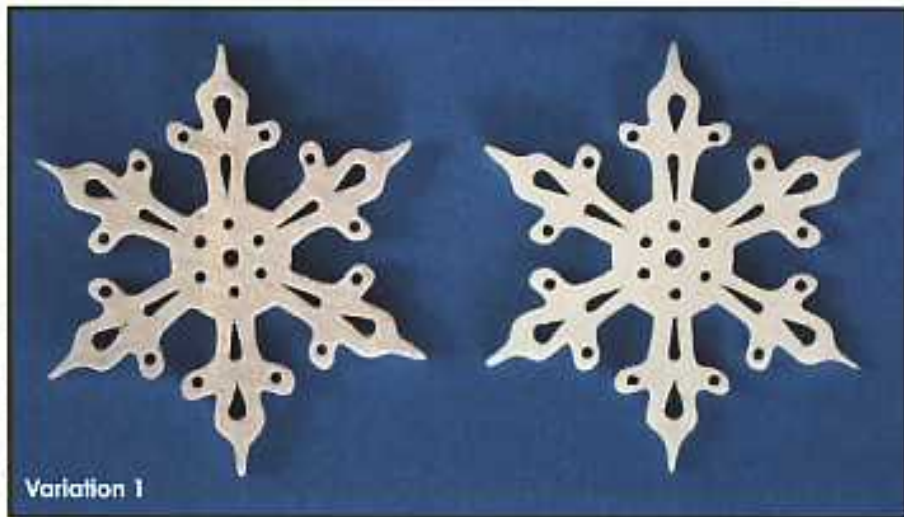
Some factors, such as the type of wood selected and the availability of materials, will depend upon the physical location of the woodworker. What may work well for me doesn't always apply to someone who is living several thousand miles away. Resources differ greatly from area to area, and what may be easily available to one person could be very difficult to obtain for another. What to do then, to design a project that is a good fit for everyone? Is it even possible?

With a little creativity and "artistic license," I believe you can learn to adapt just about any design to whatever circumstances you may be facing. Many times I receive photographs or samples from my customers showing me how they changed or altered my patterns to suit their needs or the availability of materials. I have always enjoyed seeing these variations, because it shows the great resourcefulness of people. They inspire me to work even harder to make fun and innovative patterns that can be utilized in several ways.

I truly believe that "creativity breeds more creativity." Seeing just a small change that someone made to one of my designs can spark several more ideas. The Reader's Gallery section of this magazine is a good example of this. Many of the woodworkers who are featured in this section took a design and added their own personal twist to it to make it unique. In this article, I am going to use a simple snowflake pattern to illustrate several variations that change the final result of the product. Some of these changes will be subtle and some more profound, but hopefully they will encourage you to stretch your imagination a bit and look at your own scroll sawing projects in a different way.

Variety is The Spice of Life

I began with a typical, six-sided snowflake design. I didn't want to make it too complicated, so I kept it pretty basic. I added some teardrop-shaped piece cuttings and round, drilled holes for interest. (All in all, this is a nice ornament pattern!) The sample on the left was cut from 1/8"-thick maple, and the one on the right from Baltic birch. (These could easily be stack cut, creating several ornaments at one time.) White waterbased stain was used to finish the maple ornament, while white spray paint was applied to the birch one. As you can see, there is only a slight difference in the final appearance of the two pieces. Making ornaments such as these is a great way to use up scraps of wood you may have around the shop.

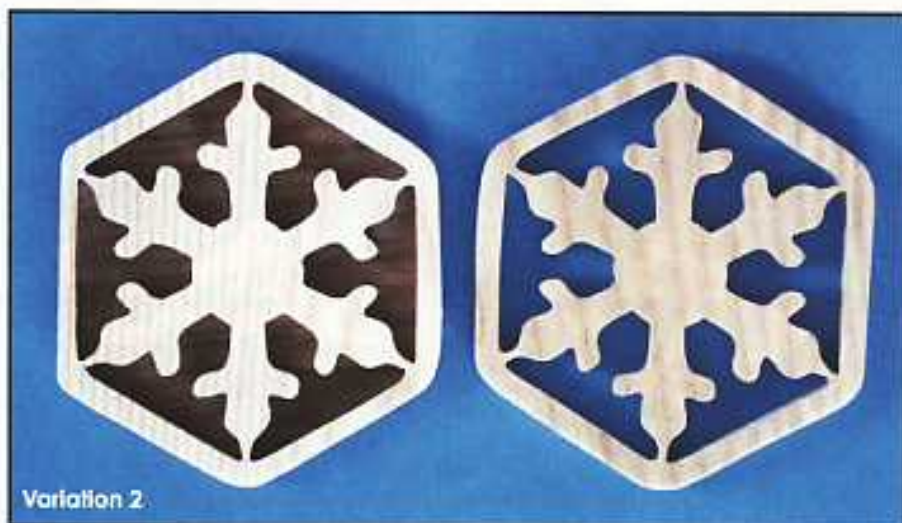


If desired, some fine glitter could be brushed onto the surfaces of the snowflakes to add a bit of sparkle. I prefer a

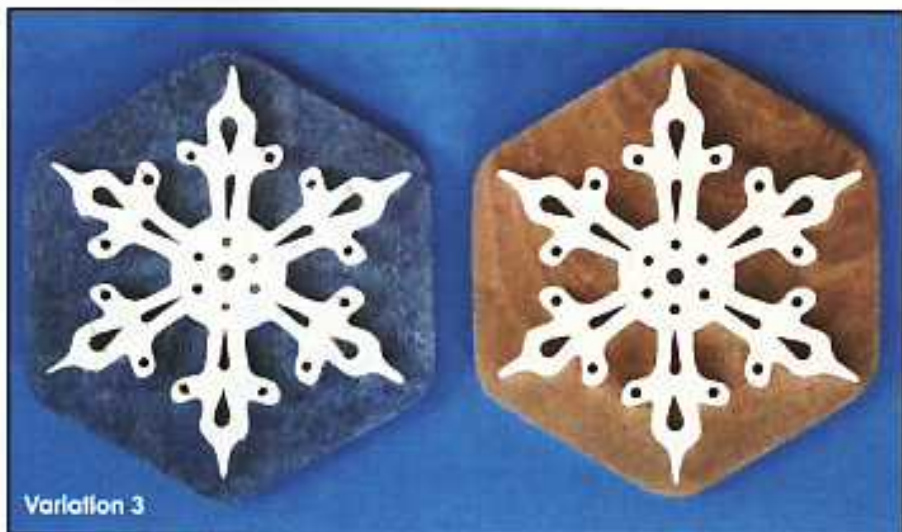
very subtle effect with sparkle, so I make my own brush-on sparkle finish. Pour a small amount of waterbased gloss varnish into a small container or the well of a bubble palette, and sprinkle fine glitter into the glass. (The glitter can be found in the scrapbooking section of most craft stores.) Mix thoroughly using a paintbrush, and brush the mixture onto the wood. The finish will dry to a wonderful, understated sparkle.

For a different effect, I added a "frame" around the snowflake pattern. I chose to eliminate the interior details of the snowflakes and cut only the perimeter of the snowflake with the surrounding frame.

The snowflake on the left has a thin veneer backing cut from a contrasting wood. To make this ornament, use double-sided tape to attach the veneer to the 1/8"-thick maple prior to cutting. (Be sure to apply the tape only in the waste areas because the tape may break the thin veneer when trying to remove it after cutting.) Cut the perimeter of the ornament, and separate the veneer from the maple. (Make a small mark at the top of each piece to assist with realigning the pieces later.) Set the veneer piece aside. Drill for the entry holes in the maple snowflake, and make the interior cuts. Realign the veneer and maple pieces, and use clear-drying wood glue to glue them together. Clamp the pieces together or place a weight on top of the assembly in order that contact is made on all edges. When the glue has completely dried, sand the ornament using a handheld orbital sander and 220-grit sandpaper. Drill a small hole for the hanger.

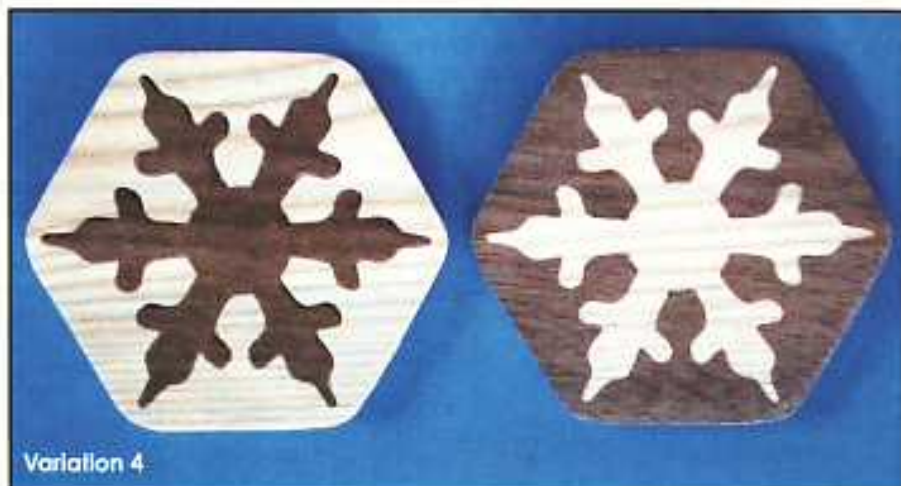


Nice overlay ornaments can also be made by cutting hexagon-shaped backers and gluing the snowflake ornaments from Variation 1 onto them. Variation 3 shows how two different finishing methods can yield two different effects. The backer for the ornament on the left was stained using a dark blue wash. (A wash is created by watering down acrylic paint, and brushing it onto the wood. Any paint color can be used.) The backer for the ornament on the right was colored using a traditional wood stain, giving it a more natural effect. To finish the ornaments, simply glue the scrolled snowflakes onto the backers using clear-drying wood glue.



continued on page 30

By stack-cutting different species of wood, attractive inlay ornaments can be created. Simply stack two contrasting pieces of wood, and secure the stack by placing pieces of double-sided carpet tape in the waste areas. Attach a snowflake pattern to the top of the stack, and drill a small, 1/32"-diameter hole in an inconspicuous area. Use a No. 2/0 reverse-tooth blade to carefully cut the perimeter of the snowflake design. Lightly mark the tops of both snowflakes to assist with assembly. Cut the hexagon-shaped backer, and separate the two pieces. Apply clear-drying glue to the side edges of the snowflakes, and glue them into the contrasting backers. When dry, use the handheld orbital sander to sand both sides until the surfaces are smooth.



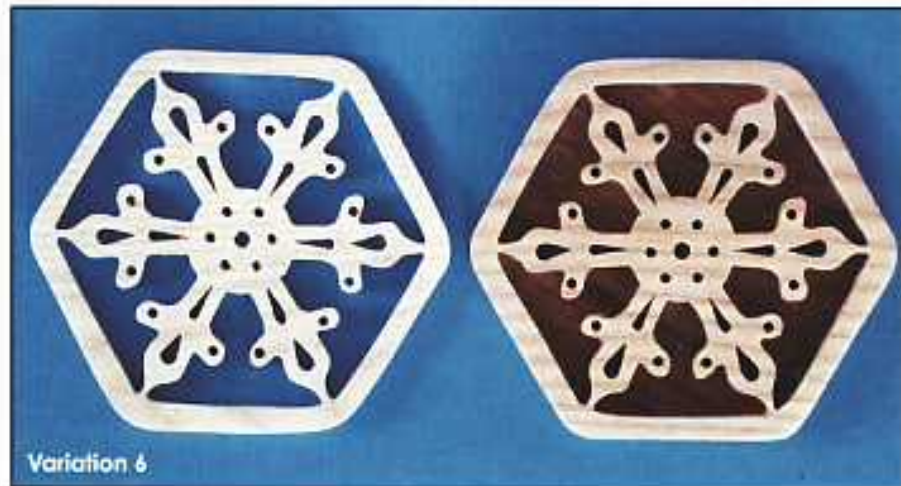
Variation 4

Variation 5 utilizes a segmentation technique. For the ornament on the left, I cut the perimeter of the ornament, then cut apart each of the snowflake's "branches." I used a rotary tool to round the edges of each piece. I used the same technique for the ornament on the right, but I did not cut apart the branches, instead leaving the snowflake intact and rounding the edges of the entire piece. After applying a whitewash stain to the snowflakes, I glued them to a stained hexagonal-shaped base.

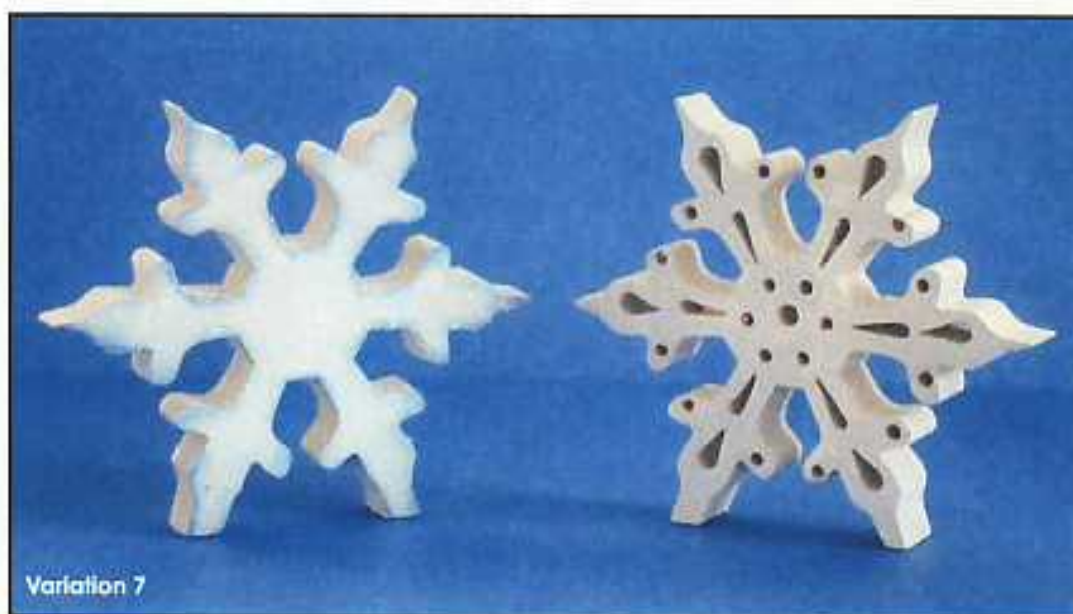


Variation 5

By simply making the internal cuts in the snowflake designs, the resulting ornaments are strikingly different from the ornaments shown in the second variation. These ornaments would be lovely displayed hanging in a window, or finished as sun catchers with plexi-glass used as a backer.



Variation 6



The two ornaments shown here are cut from 1/4"-thick MDF (medium-density fiberboard), then sprayed with white spray paint. The edges of the ornament on the left were shaded using blue acrylic paint. These are great "stand alone" ornaments that can be used as table favors or decorations.



For this variation, cut four identical ornaments from 1/4"-thick wood. Cut a square base with rounded corners, and glue the ornaments to the edges of the base to make an attractive candle holder. I chose to use a snowflake pattern with more internal cuts because the light shining through them provides a very pretty effect. (Be sure to use a glass candle cup with your candle to prevent fire; for an even safer presentation, use a battery-operated candle.)

continued on page 32



In this final variation, I cut out two snowflakes along the perimeter of the design, then cut slots into the pieces in order that they could slide together to create a three-dimensional piece. (The pieces can be stack-cut, enabling you to create several at once.) These ornaments can be free-standing, as shown, or hung from a tree. They can be embellished with sparkle, highlighted or shaded with paint, or simply left white.

In Conclusion

I hope that by showing you how many ways you can vary a simple pattern, you find that your creative juices are flowing and you are inspired to try some designing yourself! Many times I receive emails or calls from customers asking me if it is all right for them to modify my designs to suit their purposes. I not only tell them that it is OK, but I encourage them to do so! I love to see how many ways people can interpret the same idea; it is exciting to observe their creativity. Just remember to always enjoy what you are doing and not to be afraid of trying new things. Who knows? You might be the next up-and-coming designer for Creative Woodworks and Crafts!

For questions concerning this project, email Sheila at sheilalandrydesigns@gmail.com or call her at (902) 482-7174. View and purchase other patterns by Sheila, as well as download free brochures of all her available designs, free articles and patterns by visiting her website, www.sheilalandrydesigns.com.



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Frolicking Snowmen Ornaments

designed by Bob Valle; cut by Ray Wilckens

SUPPLIES

Wood: wood of choice—one piece 1/4" x 4" x 5" (for skating snowman), one piece 1/4" x 6" x 4-1/2" (for skiing snowman), one piece 1/4" x 5-1/2" x 3-1/2" (for sledding snowman)

Tools: scroll saw with blades of choice; drill with assorted bits

Temporary-bond spray adhesive

Clear packaging tape

Sandpaper, assorted grits

Clear finish of choice

Please refer to all manufacturer's labels for proper product usage.

Introduction

Children and adults alike will enjoy these happy snowmen cavorting in a winter wonderland! While these cheerful ornaments have been left in their natural wood state, they could easily be "dressed up" with some paint and glitter. Small touches of color to the scarves, hats, and carrot noses would really make this fanciful trio pop right off of the tree!

INSTRUCTIONS

Photocopy the patterns, saving the originals for future use. Attach the patterns to the wood using temporary-bond spray adhesive. Apply a layer of clear packaging tape over the patterns. (The tape lubricates the blade as you cut, which reduces burning and extends the life of the blade.) Drill for all entry holes, and make all interior cuts. Cut the perimeter of the design last. Remove all tape and patterns, and sand the surfaces smooth. If desired, apply your clear finish of choice, and let dry.

For questions concerning this project, contact Bob Valle at valle1968@yahoo.com.



Background paper by
Karen Foster Design.





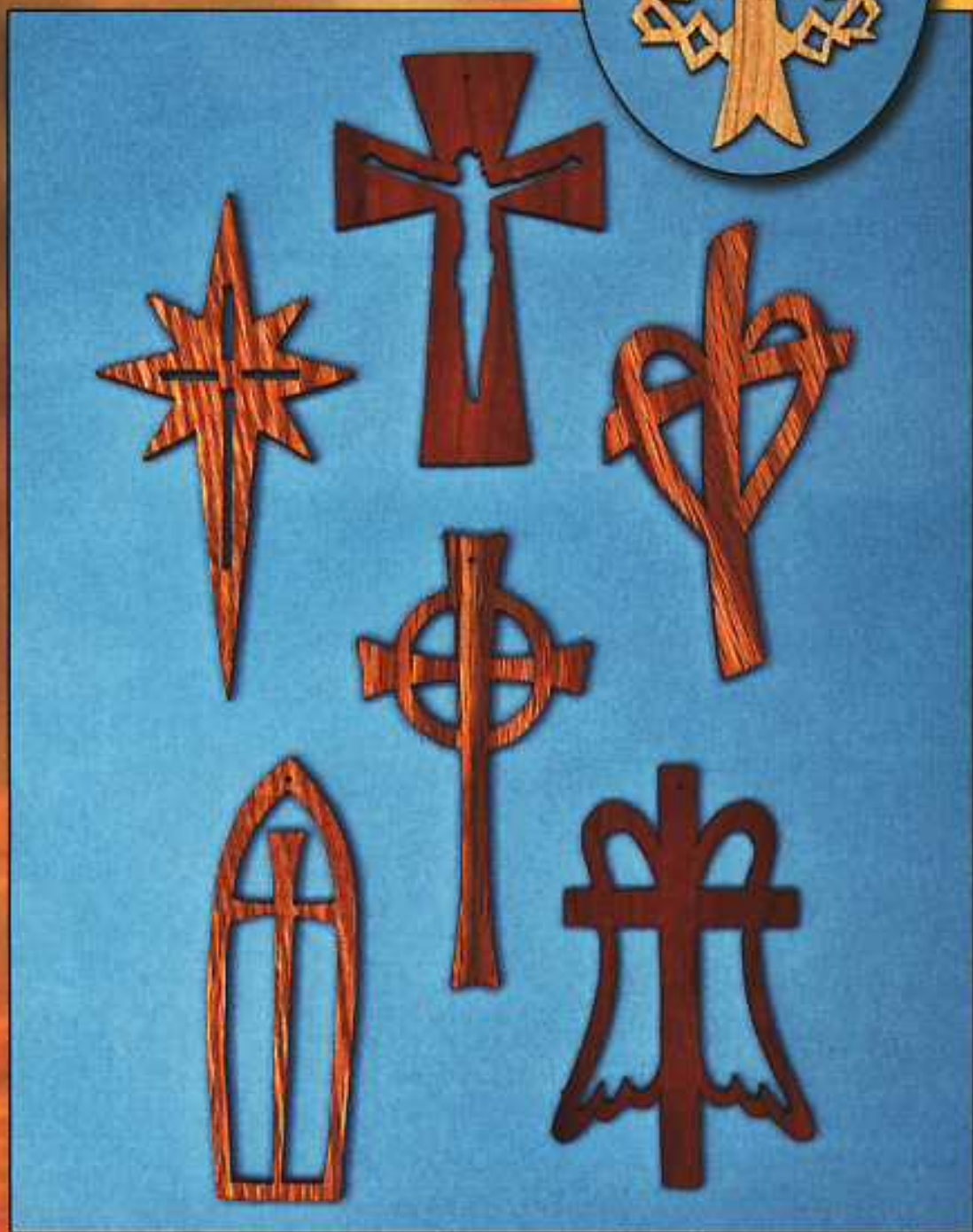


Reason for the Season Ornaments

designed by Dirk Boelman; sawn by
Dirk and Karen Boelman

Introduction

It's easy to lose the true meaning of Christmas amidst the hectic pace of the holiday season. However, these beautiful Cross ornaments adorning your tree will serve as an elegant reminder of the true "Reason for the Season." For cutting and finishing tips, see the introduction to our Joyful Tidings Ornaments on page 42.





SUPPLIES

Wood: wood of choice—one piece 1/8" x 3" to 3-3/4" x 1-1/4" to 3-1/4" (approximate measurement, for each ornament)
 Tools: scroll saw with blades of choice; drill with assorted small bits
 Temporary-bond spray adhesive
 Sandpaper, assorted grits

Please refer to all manufacturer's labels for proper product usage.

INSTRUCTIONS

Photocopy the patterns, saving the originals for future use. Attach the patterns to the wood using temporary-bond spray adhesive. Drill for all entry holes, and cut out the designs. Remove the patterns, sand the ornaments to smooth the surfaces, and attach a hanger of choice.

For questions concerning this project, send a SASE to: Dirk Boelman, P.O. Box 701, Platteville, WI 53818; or email: dirkdraws@centurytel.net.





Christmas in the City

by Sue Mey



SUPPLIES

Wood: Baltic birch plywood or wood of choice—five pieces 1/8" x 8-1/4" x 8-1/4" (for base, frame, and three layered cuttings), small piece of scrap (for stars)

Tools: scroll saw with No. 7 and No. 3 reverse-tooth blades, or blades of choice; drill press or hand drill with 3/32" bit; disc sander; clamps; scraper blade

Temporary-bond spray adhesive or glue stick

Wood glue

Thin double-sided tape

Masking tape

Sandpaper, assorted grits

Hard-bristled paintbrush

Medium-sized artist's brush

Lint-free cloth

Wood stain in cherry, light oak, and walnut, or colors of choice

Clear spray varnish

Sawtooth hanger

Please refer to all manufacturer's labels for proper product usage.

Introduction

In order to create the illusion of depth, each of the five layers of this shadowbox is a different color. I used walnut, light oak, and cherry stain for three of the layers, a mix of walnut and light oak stain for the frame, and one layer was left natural. If you prefer, cut the layers from MDF (medium density fiberboard), and paint the layers using a variety of colors.

INSTRUCTIONS



Step 1. Photocopy the patterns, saving the originals for future use. (You will need three copies of the Top Layer/Base/Frame pattern.) Cut the work pieces to size using the scroll saw. Stack the five pieces, and secure the stack using pieces of thin double-sided tape. Apply a layer of masking tape to the top of the stack, and attach one copy of the Top Layer/Base/Frame pattern to the top of the stack using temporary-bond spray adhesive or a glue stick.



Step 2. Cutting through all five layers of the stack, cut along the base pattern line using the scroll saw and the No. 7 blade. Alternatively, sand up to the pattern line using the disc sander.



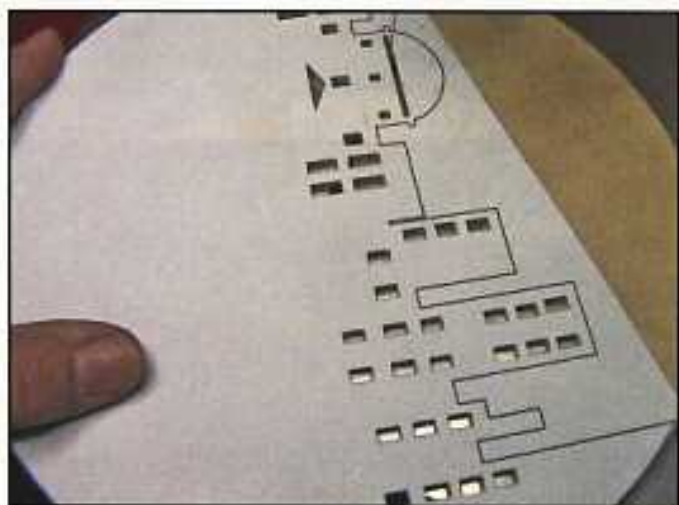
Step 3. Separate the work pieces by carefully inserting a scraper blade between the layers. To ensure that the stack

will line up nicely during assembly, use a pencil to mark the front top point of each layer. Set the base piece aside.

Step 4. Apply a layer of masking tape to the remaining four work pieces. Trim the patterns for the layers and frame along the outer perimeter lines so they match the shape of the work pieces. Using temporary-bond spray adhesive or a glue stick, attach a copy of each pattern to one of the work pieces. Be sure to align the top center of the pattern with the top center mark made on each work piece. If desired, stack a piece of scrap wood beneath each work piece to ensure more controlled cutting and to provide support when cutting the fragile sections.

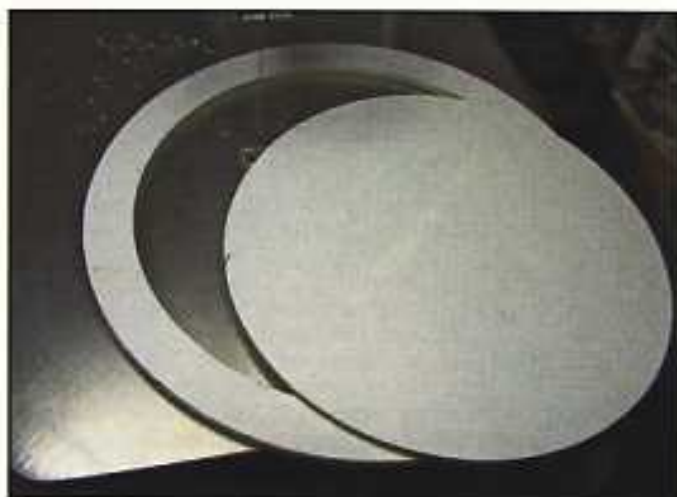


Step 5. Use the 3/32" bit to drill the blade entry holes in the work pieces.



Step 6. Make all the inside cuts of the top, middle, and bottom layers using the No. 3 blade.

continued on page 40



Step 7. Cut along the solid/dotted line for the interior opening on the frame piece using the No. 3 blade.



Step 8. Attach the patterns for the star overlays to a piece of scrap wood, and cut out the stars.

Step 9. Remove all masking tape and patterns. Sand the work pieces using 220-grit sandpaper. Graduate to 320-grit sandpaper until the surfaces are smooth. Round over the inner edge of the frame using sandpaper. Remove all sanding dust using a hard-bristled paintbrush and a lint-free cloth.



Step 10. Using the medium-sized artist's brush, apply your stain of choice to each work piece, being sure that each

layer is a different color. (For the model shown, the base was stained light oak; the bottom layer was stained cherry, the middle layer and star overlays were left natural, the top layer was stained walnut, and the frame was stained using a mixture of light oak and walnut.) Allow all pieces to dry completely.



Step 11. Test-fit the layers to ensure they line up properly, and adjust as needed. When satisfied with the fit, apply wood glue to the back of the bottom layer, and position it on top of the base. Continue gluing the layers in place, one at a time, ending with the frame. Apply clamps to the assembly until the glue has dried.



Step 12. Glue the stars in place on the base, and let dry.

Step 13. Apply several light coats of clear spray varnish to the project, allowing each coat to dry thoroughly before applying the next. Attach a sawtooth hanger to the back of the project, and hang to display.

I live in Pretoria, South Africa, and I enjoy all the various aspects of scroll sawing. I can be contacted via e-mail at: sue@scrollsawartist.com or suem@storage.co.za. To see more of my work, including a wide variety of patterns and pattern-making tutorials available for purchase, visit www.scrollsawartist.com.





Sights of Christmas Ornaments

by Billie (BJ) Holm

Introduction

Santas, snowmen, and candy canes... it's a sure bet Christmas is on its way with these classic Christmas designs!



INSTRUCTIONS

Photocopy the patterns, saving the originals for future use. (You will need one copy of the snowflake and one copy of a snowman face for each snowman ornament.) Sand and tack the wood to remove all dust. Using temporary-bond spray adhesive, attach the patterns to the wood. Drill for all entry holes. (Note that the dotted lines on the snowman snowflake represent placement of the snowman overlay; they are not cut lines.) Make all cuts using a No. 5 blade. Remove the patterns, and carefully sand and tack the pieces. If you choose to paint or stain them, refer to the photos for suggested color placement. Glue the snowman face overlay in place on the snowflake. When dry, apply two to three coats of clear spray finish, allowing each coat to dry before applying the next. Tie a 6'-8" length of fishing line or thread through each hole for a hanger.

For questions concerning this project, please email Billie at BJHolm51@yahoo.com.



SUPPLIES

Wood: 1/8"- to 1/4"-thick plywood or hardwood of choice— one piece 4" x 5" (for Santa in box), one piece 4" x 4" (for Santa in moon), one piece 2-1/2" x 3-1/2" (for candy cane), one piece 4-1/4" x 4-1/4" and one piece 2" x 2-1/2" (for each snowman on snowflake ornament)

Tools: scroll saw with No. 5 blades; drill with assorted small bits

Temporary-bond spray adhesive

Sandpaper, assorted grits

Wood glue

Tack cloth

Stain or acrylic paints (optional)

Paintbrushes (optional)

Clear spray finish

Fishing line or nylon thread (for hangers)

Please refer to all manufacturer's labels for proper product usage.



Joyful Tidings Ornaments

designed by Dirk Boelman; sawn by Dirk and Karen Boelman



SUPPLIES

Wood; wood of choice—one piece $1/8"$ x $2-1/2"$ x $2-1/2"$ (for each ornament)
Tools: scroll saw with No. 5 blades, or blades of choice;
drill with assorted small bits
Temporary-bond spray adhesive
Sandpaper, assorted grits

Please refer to all manufacturer's labels for proper product usage.

INSTRUCTIONS

Photocopy the patterns, saving the originals for future use. Attach the patterns to the wood using temporary-bond spray adhesive. Drill for all entry holes, and cut out the designs. Remove the patterns, sand the ornaments to smooth the surfaces, and attach a hanger of choice.

For questions concerning this project, send a SASE to: Dirk Boelman, P.O. Box 701, Platteville, WI 53818; or email: dirkdraws@centurytel.net.





Tips For Scrolling Ornaments

Ornaments are ideal for decorating Christmas trees, but don't limit your imagination to just cutting them out and hanging them on the tree with traditional wire hangers and leaving it at that...be creative and have fun! (The suggestions we provide here apply to all our ornaments featured in this issue, including our Host of Angel Ornaments on page 6, Reason for the Season Ornaments on page 36, and Sounds of the Season Ornaments on page 64.) Add some festive color to your completed ornaments by hanging them from colored satin ribbons, or gold and silver cords. Adorn them with baubles, bangles, beads and bows.

Make your ornaments from an array of gorgeous natural colored hardwoods. We used birch, cherry, red oak, and sassafras for our ornaments, in thicknesses ranging from 1/8" to 3/16". Of course, you can also cut them from soft woods or plywood, and then paint or stain them. There is an infinite variety of colors, textures, glitters, and glazes available for decorating the pieces. Or...consider cutting them from acrylic plastics, soft metals, leather, paper, fabric, or any other material you can think of that can be cut on your scroll saw! To save time, you may want to stack

saw two or three layers of material simultaneously.

Some of the cut-out openings are quite small, so you will need some miniature size drill bits to bore the holes for threading the blade. The designs featured on the set of ornaments shown here are made by using the lines cut by the width of the scroll saw blade to produce the image. (We used a No. 5 blade to produce the size of the lines on our prototypes).

Lastly, don't be limited to the sizes of the patterns we have provided. These ornaments can be enlarged or reduced to any size you want. Miniature versions might be used for earrings or other types of wearable art; enlarged versions might be great to hang in your windows, or as greeters on your front door. Hang them outside from the eaves or front porch...add some pretty lights, pine cones, big red bows and tinsel...and you will have the whole neighborhood talking about your holiday magic! (Remember, enlarging the sizes of the ornaments also makes them easier to saw!)

Have fun, be creative, and enjoy spreading the holiday joy with this year's ornaments!



Gift Tag Ornaments

by Sheila Landry



Introduction

Make your gift giving extra special this year by attaching scrolled gift tag ornaments to your packages. Use a permanent-ink marker to write the traditional "to" and "from" headings on the back of the ornament so everyone will know who the lucky recipient is!

SUPPLIES

Wood: Baltic birch plywood or hardwood of choice—one piece 1/8" x 6" wide x 26" long (for set of 12 ornaments)
Tools: scroll saw with No. 2 reverse-tooth blades; drill press with small bits; handheld orbital sander with assorted grits (120-400) sandpaper; planer (for proper wood thickness); vacuum with soft-brush attachment
Temporary-bond spray adhesive
Clear 2"-wide packaging tape
Brush-on or spray-on varnish in finish of choice
1/16"-wide ribbon (for hanging ornaments)

Please refer to all manufacturer's labels for proper product usage.



continued on page 46



INSTRUCTIONS

Step 1. Plane the work piece to 1/8" thick. Using the orbital sander and 120-grit sandpaper, sand both sides of the wood to smooth the surfaces and remove the planer marks. Graduate to 220-grit sandpaper, then 400-grit, until the surfaces are satin smooth. This will make it much easier to finish your project after cutting. Using the soft-brush attachment, vacuum all dust and debris from the wood.

Step 2. Photocopy the patterns, saving the originals for future use. Lightly mist the backs of the patterns with temporary-bond spray adhesive. Allow the adhesive to tack up for a few seconds until it feels as tacky as masking tape, and attach the patterns to the wood, paying attention to the grain direction as you position the patterns. Apply a layer of clear packaging tape over the entire surface of the design. The tape will help prevent the hard wood from burning during cutting.

Step 3. Drill for all entry holes in the designs, as well as for the hanging holes in the tops of the ornaments. After drilling, sand the back of the wood so it is perfectly flat. Remove excess dust using the vacuum and soft-brush attachment.

Step 4. Using the No. 2 reverse-tooth blade, make all the cuts, starting with the innermost portion of the design and working out toward the perimeter.

Step 5. Remove the patterns, and vacuum all dust and debris from the pieces. Apply several coats of clear spray varnish, allowing each coat to dry before applying the next. Insert a length of ribbon through each hole for a hanger.

For questions concerning this project, contact Sheila at (902) 482-7174 or email her at: sheilalandrydesigns@gmail.com. To view other patterns, purchase items, or download free brochures of Sheila's designs, visit her website, www.sheilalandrydesigns.com.





Winter Pals Ornaments

By Billie (BJ) Holm

Introduction

These cheerful penguins and festive snowman certainly look ready to enjoy some snowy winter fun...while the family cat serenely observes them from her safe (and warm) cushioned perch! To make an extra-personal gift, consider replacing the "North Pole" overlay lettering with wording of your choice, such as a family's last name, or perhaps the name of your favorite vacation place. Be creative!



INSTRUCTIONS

Photocopy the patterns, saving the originals for future use. Sand and tack the wood to remove all dust. Using temporary-bond spray adhesive, attach the patterns to the wood. Drill for all entry holes. (Note that the dotted lines on the North Pole penguin ornament represent placement of the overlay; do not cut them.) Make all cuts using a No. 5 blade. Remove the patterns, and carefully sand and tack the pieces. If you choose to paint or stain them, refer to the photos for suggested color placement. Glue the North Pole overlay in place. When dry, apply two to three coats of clear spray finish, allowing each coat to dry before applying the next. Tie a 6"-8" length of fishing line or thread through each hole for a hanger.

SUPPLIES

Wood: 1/8" to 1/4" thick plywood or hardwood of choice—one piece 4-1/4" x 4" (for skating penguin), one piece 3-1/2" x 5-1/4" (for North Pole penguin), one piece 3-1/4" x 3-1/4" (for seated penguin), 4-3/4" x 3-3/4" (for cat), 3-1/4" x 4-1/2" (for snowman)
Tools: scroll saw with No. 5 blades; drill with assorted small bits
Temporary-bond spray adhesive
Sandpaper, assorted grits
Wood glue
Tack cloth
Stain or acrylic paints (optional)
Paintbrushes (optional)
Clear spray finish
Fishing line or nylon thread (for hangers)

Please refer to all manufacturer's labels for proper product usage.

For questions concerning this project, please email Billie at BJHolm51@yahoo.com.





Snowman Clock

designed by Bob Valle; cut by Ray Wilkens

SUPPLIES

Wood: wood of choice—one piece 1/2" x 8-1/4" x 8-1/2" (for upright), one piece 1/2" x 12" x 3-1/4" (for base)

Tools: scroll saw with blades of choice; drill with assorted bits

Temporary-bond spray adhesive

Clear packaging tape

Wood glue

Sandpaper, assorted grits

Acrylic paints in black, blue, brown, cream, dark green, gray, gold metallic, orange, pink, red, and white

Clear glitter glue

Assorted paintbrushes, including 1/2" flat, liner, and small, soft-haired mop brush

Painting palette or plate

Clear finish of choice

Mini-clock insert requiring 1-7/8"-diameter mounting hole

Please refer to all manufacturer's labels for proper product usage.

INSTRUCTIONS

Step 1. Photocopy the patterns, saving the originals for future use. Attach the patterns to the wood using temporary-bond spray adhesive. Apply a layer of clear packaging tape over the pattern. (The tape lubricates the blade as you cut, which reduces burning and extends the life of the blade.)

Step 2. Drill for all entry holes on the upright. Make all interior cuts, including the hole for the clock insert, before cutting the perimeter of the piece. Also cut along the perimeter of the base pattern. (The dotted line represents the placement of the upright on the base; it is not a cut line.)

Step 3. Remove all tape and patterns, and sand the surfaces smooth. If desired, paint the upright and base, referring to the painting techniques section.

Step 4. Position the upright on the base, and glue in place. (If desired, screws can be inserted through the base and into the upright to provide additional stability. Be sure to counter-sink the heads in order that the base will sit flat.) When dry, apply your clear finish of choice. Install the clock insert, and enjoy watching the wintry days tick away!

For questions concerning this project, please contact Bob Valle at valle1968@yahoo.com.



Painting Techniques

by Jane Guthrie

Squeeze a nickel-size puddle of each paint color onto the palette, and add a few drops of water to each puddle. Start by painting the tree. First, dampen the paintbrush with clear water, and brush it over the entire surface of the tree. (This allows the paint to thin out and the wood to show through.) With the paintbrush still wet, pick up a small amount of dark green paint, and paint the outside edges of the tree following the contour of the branches. While still wet, apply sweeping strokes of dark green paint across the remaining sections of the tree, referring to the photo for color placement. Using a sweeping motion, apply white paint along the edges and surface of the tree so that it resembles snow on the branches.

In the same manner, paint the snowman white, and apply touches of blue paint to his belly and under his arm. Paint the hat black, the mailbox gray, the post and broom brown, the scarf red, the nose orange, the cheek area pink, the star metallic gold, and the snow and base white.

Set the upright and base aside until completely dry.

Randomly apply clear glitter glue to the mail box, icicles, snow, and tree branches, referring to the photo for suggested placement. Let dry.

Clean the brushes using warm, soapy water, and lay them flat on a paper towel to dry.



Introduction

The happy look on this snowman's face suggests that he's received a pretty special delivery in that mailbox of his! It's a good bet that your friends and family members will look just as happy when presented with this colorful clock as a special Christmas keepsake. Directions are provided for embellishing this seasonal clock design with paint and glitter glue, which will make this piece be a real stand-out among your Christmas decorations.





Presents from Santa

pattern by Jacob Fowler, cut and finished by Wayne Fowler



Introduction

Like the Madonna and Dove ornaments featured on page 20 of this issue, I consider these teddy bear and dog pieces to be "gift ornaments." While they are a more challenging cut than a traditional ornament, they make lovely gifts for friends and family.

The finished teddy bear was cut from a piece of 3/8"-thick brown oak that looked to be quarter sawn. (I purchased it because it was pretty.) The dog was cut from a piece of 3/8"-thick wood labeled "rainbow locust" that I purchased from my wood supplier, Edgar Werner. I buy many of my boards from Edgar, but I didn't think to ask him how this piece was different from black locust or honey locust.

Both the teddy bear and the dog were cut on an Excalibur EX21 saw, using a No. 2R blade for the majority of the cuts, and a No. 1 blade for the finer details. Although I did not try stack cutting either of the pieces, I will likely try the teddy bear in a stack cut before my Christmas sales.

SUPPLIES

Wood: medium-brown hardwood, such as butternut or oak—one piece 1/8" to 1/2" x 4-1/2" x 3-1/2" (for teddy bear); yellow or brown hardwood, such as hackberry, locust, or white oak—one piece 1/8" to 1/2" x 6-1/4" x 4-1/4" (for dog in stocking)
Tools: scroll saw with No. 2R blades (for majority of cuts) and No. 1 or No. 2/0 blades (for finer cuts); drill with assorted bits; fixed disc or belt sander with assorted-grit discs or belts
Temporary-bond spray adhesive
Sandpaper, assorted grits
Clear packing tape
Finishing oil of choice, such as tung, walnut, or Danish
Clean paintbrush
Clear fishing line, thin ribbon, or other hanger of choice

Please refer to all manufacturer's labels for proper product usage.

INSTRUCTIONS

Step 1. Photocopy the patterns, saving the originals for future use. I recommend applying a layer of clear packing tape to the surface of the wood prior to attaching the patterns using temporary-bond spray adhesive. The tape seems to reduce the burn from the tight turns you will have to make while cutting the pattern, and it makes it easier to handle the piece during cutting.

Step 2. Drill for all entry holes. I recommend using a No. 2 reverse-tooth blade when cutting in order to reduce chipping on the bottom of the piece, but you may wish to switch to a No. 1 or No. 2/0 blade to make the finer cuts, such as on the teddy bear's face.

Step 3. Remove the patterns. If you used packing tape, simply peel off the tape. Otherwise, remove the patterns using your method of choice.

Step 4. Sand both sides of the pieces using a belt or disc sander. I also usually polish the faces of the wood using the sander fitted with a worn disc or belt (400- or 800-grit). Fold a 1/4 sheet of 220- or 400-grit sandpaper around your thumb, and remove any remaining burrs from the interior cut edges. Also use the sandpaper to lightly round the edges.

Step 5. Clean the pieces using a clean paintbrush or other tool of choice. Apply a thin oil, such as walnut, tung, or a mixture of both, to seal the inner edges. Let the oil dry completely.

Step 6. To display the ornaments, we usually string them with clear fishing line in order that the hanger does not detract from the cutting. However, thin red or green ribbon also looks nice if the top of the piece can support the larger hole that would be needed for threading the ribbon. I also noticed that the teddy bear will sit flat on a surface, so I am considering cutting a few of the bears from thicker wood, and displaying them as shelf sitters.

Send questions concerning this project to: Wayne Fowler, 33 Longmeadow Cres., Markham, Ontario, Canada L3R 3J6; or email him at: fantasiesaw@rogers.com.



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Holiday Traditions Ornaments

by Billie (BJ) Holm

SUPPLIES

Wood: 1/8"- to 1/4"-thick plywood or hard wood of choice—one piece 3-1/2" x 4-3/4" (for baby Jesus), one piece 3-1/2" x 5-1/4" (for angel), one piece 3-1/4" x 5" (for water pump and pail), one piece 3" x 5" (for partridge), one piece 3-1/2" x 3-1/4" (for wreath), one piece 3-1/2" x 4" (for snow globe)

Tools: scroll saw with No. 5 blades; drill with assorted small bits

Temporary-bond spray adhesive

Sandpaper, assorted grits

Tack cloth

Stain or acrylic paints (optional)

Paintbrushes (optional)

Clear spray finish

Fishing line or nylon thread (for hangers)

Please refer to all manufacturer's labels for proper product usage.

Introduction

This elegant set of ornaments truly captures the traditional images of Christmas, from the peaceful baby Jesus sleeping beneath the Christmas star to a snowy Christmas Eve church scene set in a snow globe. They would make a beautiful addition to any holiday decorations. Enjoy!

INSTRUCTIONS

Photocopy the patterns, saving the originals for future use. Sand and tack the wood to remove all dust. Using temporary-bond spray adhesive, attach the patterns to the wood. Drill for all entry holes. Make all cuts using a No. 5 blade. Remove the patterns, and carefully sand and tack the pieces. If you choose to paint or stain them, refer to the photos for suggested color placement. When dry, apply two to three coats of clear spray finish, allowing each coat to dry before applying the next. Tie a 6"-8" length of fishing line or thread through each hole for a hanger.

For questions concerning this project, please email Billie at BJHolm51@yahoo.com.







Elegant Fretcut Ornaments

by Sue Mey

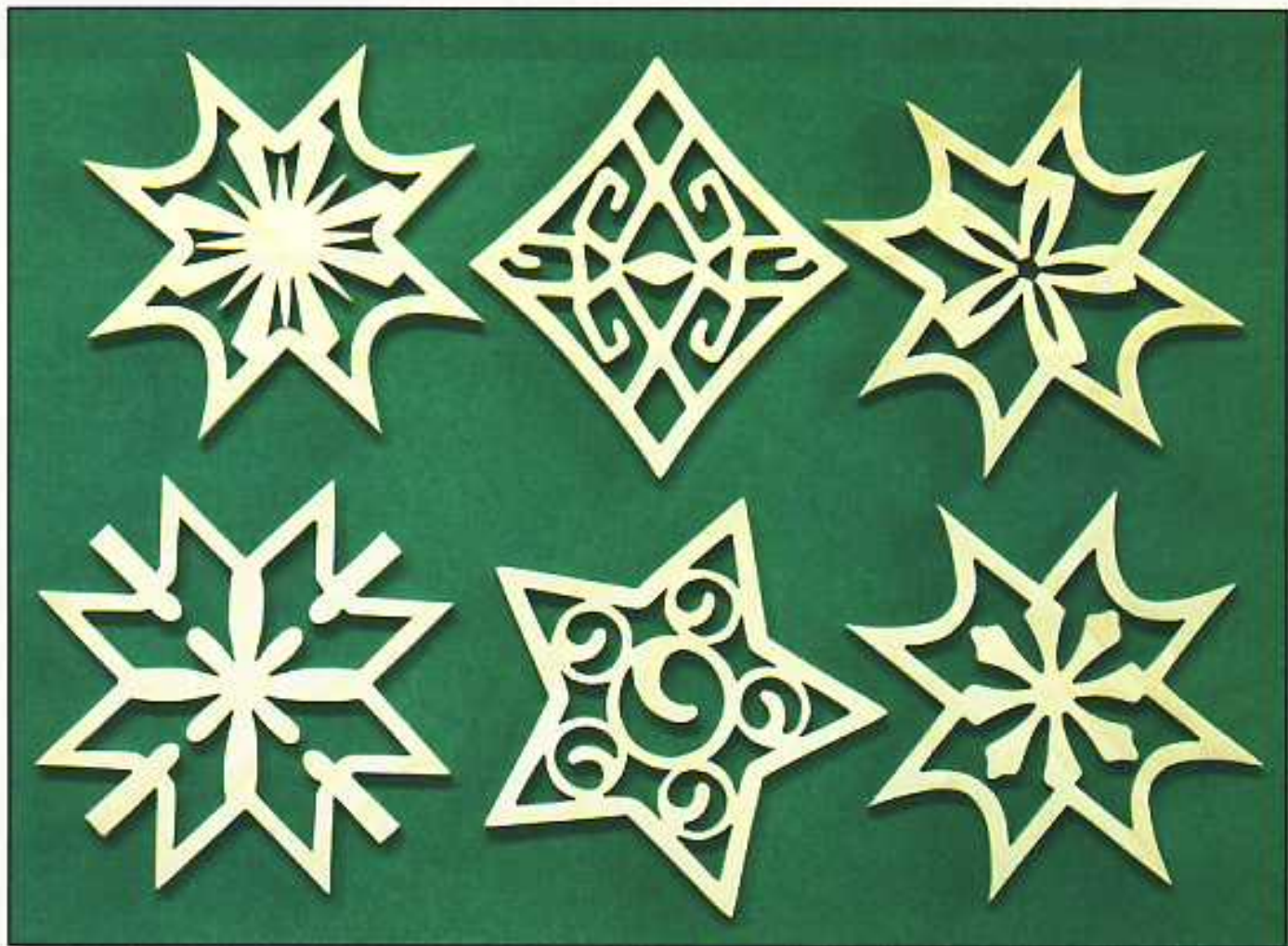


SUPPLIES

Wood: 1/8" thick Baltic birch plywood—two pieces*, approximately 3" x 3" (for each ornament)
 Tools: scroll saw with No. 3 reverse-tooth blades or blades of choice; drill press or hand drill with 1/16", 1/32", and 3/32" bits; scraper blade
 Temporary-bond spray adhesive
 Masking tape
 Double-sided tape
 Sandpaper, assorted grits
 Hard-bristled paintbrush
 Lint-free cloth
 Clear spray varnish
 Thin ribbon or string (for hangers)

*Although only one piece of wood is required for each ornament, stack cutting is recommended when cutting this thickness.

Please refer to all manufacturer's labels for proper product usage.



Introduction

I chose to cut these elegant ornaments from Baltic birch ply and leave them unfinished, allowing the natural beauty of the wood to show. However, they would also look very pretty cut from MDF and painted in the colors of your choice. Or, consider cutting a backer to match the perimeter of the piece, painting it a deep jewel color, and sandwiching it between two fretcut pieces. This would truly play up the stained glass effect of the intricate cuts. Feel free to experiment with different finishing techniques.

INSTRUCTIONS

Step 1. Photocopy the patterns, saving the originals for future use. Stack the two pieces of wood for each ornament, and secure the stack using small pieces of double-sided tape. Apply a layer of masking tape to the top of each stack. Using temporary-bond spray adhesive, attach a pattern to the masking tape.

Step 2. Using the 3/32" bit, drill the holes that will accommodate the ribbon hangers. (The hanger holes were not drilled in the ornaments shown in the photos.) Use the

1/16" bit to drill the majority of the blade entry holes, and use the 1/32" bit to drill the blade entry holes for the very small openings.

Step 3. Using the No. 3 blade, make the inside cuts. (If you have stacked more than two pieces of wood, you may wish to use a larger blade.) After making all inside cuts, cut the perimeter of the pattern.

Step 4. Remove the masking tape and patterns. Carefully pry apart the pieces by inserting a scraper blade between the layers. Remove any burrs from the cut edges using 150-grit sandpaper. Sand the surfaces of the pieces using 320-grit sandpaper until they are smooth. Use a hard-bristled paintbrush and a lint-free cloth to remove all sanding dust.

Step 5. Apply several coats of clear spray varnish to the ornaments, allowing each coat to dry before applying the next. Thread a length of thin ribbon or string through the hole or opening in the top of each ornament for a hanger.

I live in Pretoria, South Africa, and I enjoy all the various aspects of scroll sawing. I can be contacted via e-mail at: sue@scrollsawartist.com or suem@storage.co.za. To see more of my work, including a wide variety of patterns and pattern-making tutorials available for purchase, visit www.scrollsawartist.com.





Horse-Drawn Sleigh Plaque

by Sheila Landry

Introduction

This festive plaque will certainly bring a bit of nostalgia to your holiday decorating. I can just imagine the couple riding into the woods in search of that perfect Christmas tree to bring home for the family to decorate with strings of popcorn, berries, and home-made ornaments!

I love doing segmentation designs, and although this plaque is a little challenging, you can certainly have great results even if it is your first attempt at segmentation. I live in a small town, and it is difficult for me to find various species of hard woods that would be used in intarsia projects. Therefore, I found that segmentation is a good substitute and yields results that can be just as beautiful as intarsia if done properly.

I used the environmentally-friendly Saman stains to color the wood for the plaque, and once again, I encourage you to try them. They have no odor, are waterbased but don't raise the grain of the wood, clean up with soap and water, are mixable, and they are available in many brilliant, deep colors. They can be purchased at paint and hardware



stores or online at www.dtop.com. I am convinced that if you try them, you will love them as much as I do!

For the overlay segmented pieces, it is best to use a smooth, tight-grained wood such as maple. I found that it held up for even the most delicate pieces, such as the reins and the sled runners. It sands beautifully, too, and provides a nice, smooth surface for staining.

I hope you enjoy recreating this design!

SUPPLIES

Wood: oak—one piece 3/8" x 12-1/5" long x 7-1/2" wide (for backboard); maple—one piece 1/4" x 10-1/2" long x 4-1/2" wide (for segmented pieces)
Tools: scroll saw with No. 5, No. 2, and No. 2/0 reverse-tooth blades; drill press with small bits, including 1/8" bit; router or laminate trimmer with decorative bit for edging; handheld orbital sander with assorted-grits (120-400) sandpaper; variable-speed rotary tool with small drum-sanding bits in assorted grits; planer (for proper wood thickness); vacuum with soft brush attachment
Temporary-bond spray adhesive
Clear 2"-wide packaging tape
Double-sided carpet tape
Graphite transfer paper
Clear-drying, silicone glue gel
Saman waterbased stains in No. 100 raspberry, No. 103 emerald, No. 106 azure, No. 108 black, No. 116 white, No. 204 hop, and No. 209 prune
Assorted paintbrushes
Paint palette or plate
Pencil or ball-pointed stylus
Spray varnish in satin finish or clear finish of choice
Hanging hardware

Please refer to all manufacturer's labels for proper product usage.

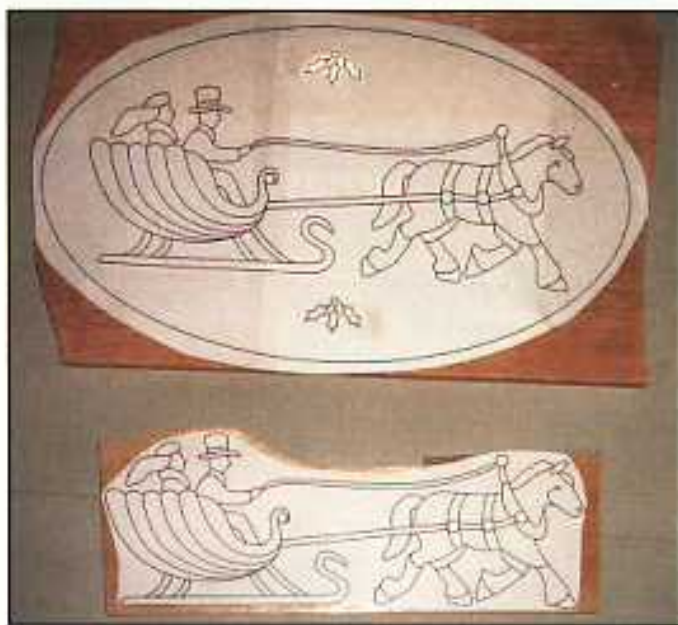
INSTRUCTIONS

Step 1. Plane the oak work piece for the backboard to 3/8" thick. Using the handheld orbital sander and 120-grit sandpaper, sand both sides of the wood to remove all planer marks and smooth the surfaces. Graduate to 220-grit sandpaper, then 400-grit, until the surfaces are satin-smooth. This will make it much easier to finish your project after cutting. Using the vacuum with the soft brush attachment, vacuum all dust and debris from the wood. Plane the maple work piece for the segmented pieces to 1/4" thick. Carefully sand the piece, and remove all dust.

Step 2. Make four photocopies of the pattern, saving the original for future use.

Step 3. Apply a light misting of temporary-bond spray adhesive to the back of one pattern copy. Allow the spray to tack up for a few seconds until it feels as tacky as masking tape. Position the pattern on the oak work piece, ensuring that the grain direction for the wood runs horizontally across the pattern. Cut the horse-drawn sleigh design from the center of the second pattern copy. [Note that the holly/berry designs are cut from the backboard; they are not overlay pieces.] Use temporary-bond spray

continued on page 58



adhesive to attach this pattern piece to the maple work piece, also with the wood grain running horizontally across the pattern.

Step 4. Apply a layer of clear packaging tape over the entire surface of the designs to help prevent the hard woods from burning during cutting.



Step 5. Using the No. 5 reverse-tooth blade, cut along the oval perimeter of the backboard.



Step 6. Use the 1/8" bit to drill the holes for the berries.

(They measure exactly 1/8" in diameter.) Use a small bit to drill the entry holes for the holly leaves.



Step 7. Also use a small bit to drill the hole for the horse's nose.



Step 8. Thread the No. 2 reverse-tooth blade through the blade entry holes, and cut out the holly leaves on the backboard. (The use of a zero-clearance insert on the scroll saw table is highly recommended when cutting this project; there are a number of very small pieces that could fall through the throat of the scroll saw if the insert is not in place.)



Step 9. After cutting, use 400-grit sandpaper to sand the surface of the backboard until it is smooth. Using the router or laminate trimmer with a decorative edging bit, rout the edge of the backboard. (I have a jig that holds my laminate trimmer upside-down, allowing me to use it like a small router table.) Give the backboard a final sanding using 400-grit sandpaper.



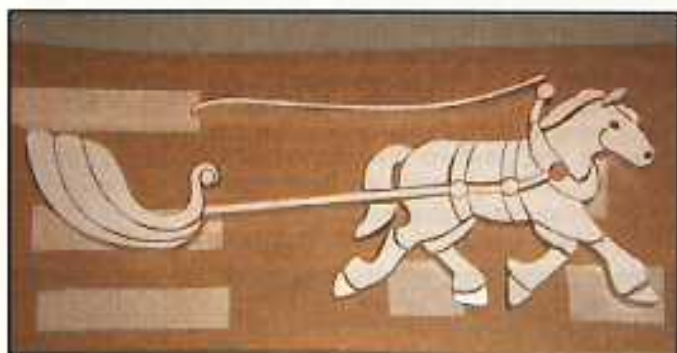
Step 10. Locate the placement for your hanger hardware on the back side of the backboard. Set your drill press so that your bit will not go through to the front of your plaque, and carefully drill a pilot hole for the hanger hardware.



Step 11. Before cutting the segmented pieces, apply several strips of double-sided carpet tape to a scrap piece of wood, following the layout for the segmented pattern. Position the segmented pieces on the tape as you cut them; this will ensure that you don't lose any pieces and it assists with keeping them in order.



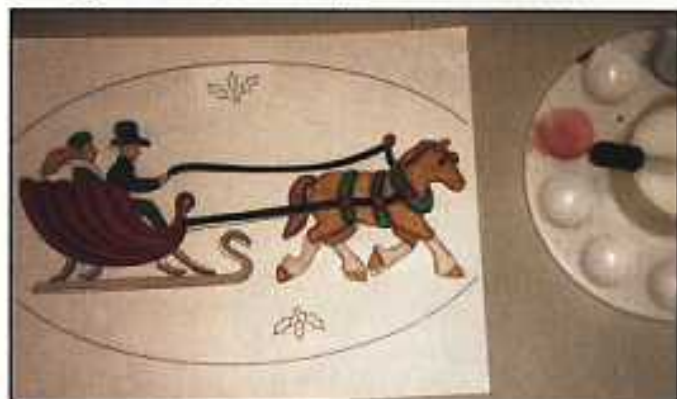
Step 12. Cut out the segmented pieces using a No. 2/0 reverse-tooth blade.



Step 13. As you cut out each piece, position it on the tape on the scrap wood.



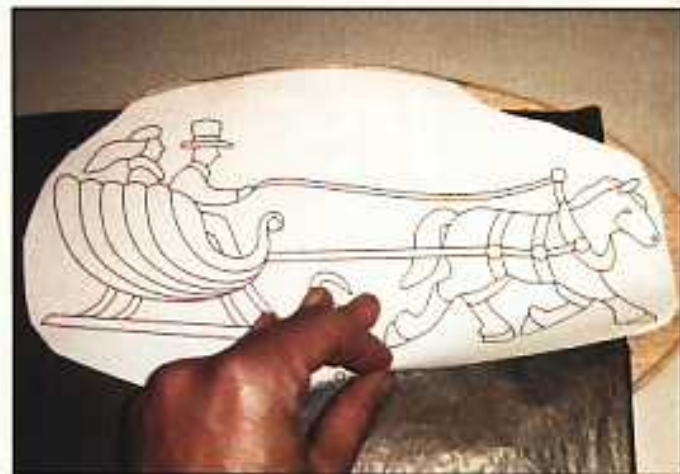
Step 14. Remove the patterns from the pieces, and round the edges. For some of the very small pieces like the eyes, it is best to hand-sand the edges. (Use a purchased sanding stick, or make one of your own by gluing fine-grit sandpaper to an ice-cream stick.) The edges of the larger pieces can be rounded using a rotary sander. After working with each piece, reposition it on the board.



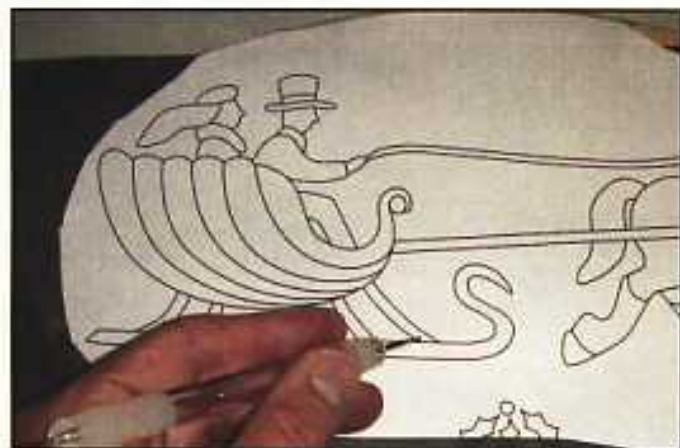
Step 15. Referring to the photos for suggested color placement and following the manufacturer's instructions for application, apply the stains to the segmented pieces. As you color each piece, place it onto a copy of the pattern in order to keep track of all the parts. Suggested color combinations are: No. 100 raspberry for the sleigh and dots on the harness; No. 103 emerald for the harness and the woman's hat and coat; No. 106 azure for the man's hat, coat, and trousers; No. 108 black for the man's hat brim and collar, the reins, harness, and horse's eye; No. 116 white for the woman's coat collar and the lower portions of the horse's legs; No. 116 white mixed with a touch of

continued on page 60

No. 108 black for the sleigh runners; No. 116 white mixed with a drop of No. 100 raspberry and a drop of No. 204 hop for the faces and hand (adjust the color as needed to achieve the desired flesh tone); No. 204 hop for the woman's hair, the knob on front of the sleigh, and the horse's body and hooves; No. 209 prune for the horse's mane and tail. Allow all pieces to dry completely.



Step 16. Place a piece of transfer paper on the backboard, with the graphite side facing down. (You may make your own transfer paper by rubbing the side of a pencil over the back of a piece of paper. Use a tissue to lightly buff the graphite, evenly distributing it over the surface of the paper.) Place a copy of the pattern on top of the transfer paper, being sure to center it on the backboard.



Step 17. Using a pencil or ball-pointed stylus, transfer the pattern lines to the backboard. Stay just inside the pattern lines when tracing over them; this way, they won't be visible after the segmented pieces have been glued in place. (If you prefer, you may choose to trace over only a few of the pattern lines to aid in positioning the pieces.)



Step 18. The transferred lines will be used as guides when giving the segmented pieces in place.



Step 19. Use a toothpick to apply silicone glue gel to the back of a segmented piece before positioning it on the backboard. (I chose to use the clear-drying, gel-type silicone glue for this project because of its longer drying time and its "workability.") Tweezers come in handy for positioning some of the smallest pieces.



Step 20. Continue gluing pieces in place until the design is completed. When all glue is completely dry, apply several coats of spray varnish to the plaque, allowing each coat to dry before applying the next. Attach your hanger to the back of the plaque to finish.

For questions concerning this project, contact Sheila at (902) 482-7174, or email her at sheilalandrydesigns@gmail.com. View and purchase other patterns by Sheila, as well as download free brochures of all her available designs, free articles and patterns by visiting her website, www.sheilalandrydesigns.com.





Family Photo Ornaments

by Wayne Basler III



Introduction

It has long been a tradition in our family to make ornaments for the tree each year. Some of them, like the ones we baked in the oven when our children were young, are so old and fragile that we just open the paper to enjoy the memories, then wrap them up and pack them back away until the next Christmas. With the arrival of grandchildren, I decided to make a new contribution to the tree with photo ornaments. Not only are they a great way to watch the growth of family members over the years, but they also make nice gifts. Good luck with your new ornaments, and if you come up with a different shape idea, let me know so I can add it to our tree!

continued on page 62

SUPPLIES

Wood: 1/8"-thick Baltic birch plywood—three pieces per ornament (sizes range from 3-1/2" to 4-1/2" wide x 3-1/2" to 4-1/4" tall), assorted pieces for overlays (the largest measures 5-1/2" x 3")

Tools: scroll saw with No. 3 double skip-tooth blades; drill with 1/8" bit; orbital sander; putty knife; small clamps

Carbon paper

Masking tape

Double-sided carpet tape

Wood glue

Cyanoacrylate (CA) glue gel
Acrylic paint in colors of choice

Paintbrushes

Paint sponge

Ultra-fine permanent-ink markers in black, blue, and red

DecoArt brush-on glitter (optional)

Gloss spray lacquer or finish of choice

1/2"-long screw eyes

Please refer to all manufacturer's labels for proper product usage.

INSTRUCTIONS



Step 1. Photocopy the patterns, saving the originals for future use. Cut the work pieces to size. (Each ornament is comprised of three layers of wood; some of them have additional overlay pieces glued to the front of them.) Sand both sides of each piece of wood. Using carbon paper, transfer the perimeter and center opening of each pattern to one of the pieces of wood for each ornament. (Do not transfer the dotted lines at this time.)



Step 2. Stack the work pieces for each ornament, placing the one with the pattern on the top. Place strips of double-sided tape in the waste areas to secure the stack. (A wallpaper seam roller comes in handy when working with two-sided tape. Simply roll it back and forth over the taped area a few times to achieve a good bond.) Use the scroll saw to cut along the perimeter of the pattern.

Step 3. Using a putty knife, carefully separate the layers and remove the tape residue.



Step 4. Drill a blade access hole in the top layer piece, and cut out the opening. Reposition the pattern over the center layer piece, and transfer the dotted lines onto the wood. (This center layer is the one in which the photo will sit.) Cut along the traced lines. (A large section of the center layer will be cut away.) The bottom layer will be left as is and used for the ornament backer.



Step 5. Transfer the patterns for the overlays onto the work pieces. Cut along the perimeters of the patterns. (The lines

on the snowmen are painting reference lines only; do not cut them.) After cutting, remove all patterns.



Step 6. Although all the ornaments, with the exception of the poinsettia, can be painted after assembly, it is probably easiest to paint them before gluing the pieces together. (It is not necessary to paint the back surface of the top layer or the front and back surfaces of the center layer because they won't be visible on the assembled ornament. However, all edges need to be painted.) For the ornaments shown, the star and star overlays were painted yellow and highlighted with gold glitter. The candy cane ornament was painted light pink. The snowman ornament was painted light blue. The wreath ornament was painted dark green. The ball ornament was painted dark blue and metallic gold. The top and center layers of the poinsettia were painted red, and the bottom layer of the poinsettia was painted light green. The candy cane overlay was painted white, and a red marker was used to add the stripes. Both the candy cane and wreath bows were painted red and outlined with black marker. The snowmen overlays were painted white, black, and grey, and detail lines were added using black and red markers. Use a sponge to add white highlights to the ornaments. Use a toothpick or sharp dowel to make perfect dots on the wreath. Use a blue marker to add the snowflake designs on the snowman ornament. Let all paint dry completely.

Step 7. Align the edges of the top, center, and back piece of each ornament. (Rotate the back piece of the poinsettia ornament half a turn so that the green "leaves" are visible when viewed from the front.) Using wood glue and a few drops of CA glue, glue the layers together. (I use a glue-up technique that uses both CA glue and wood glue.

First apply a tiny bit of CA glue to each surface to be glued, and apply wood glue to the remaining area of each surface. The CA glue will act as a clamp while the wood glue dries.) Clamp to hold the assemblies in place until the glue is completely dry.

Step 8. Referring to the lead photo for placement, position the overlays on the ornaments and glue in place. (The bow gets glued on top of the candy cane overlay.)



Step 9. When dry, add the names and date to the front and/or back of the ornaments using a permanent marker. (Looking at the photos year after year and knowing when they were taken is part of the appeal of these ornaments!) Install a screw eye into the top of each ornament for hanging. Apply a coat of clear spray gloss to each ornament. (Be sure that the finish is compatible with your markers and paint before applying it.) Insert a photo into the center of the ornament, and display your keepsakes!





Sounds of the Season Ornaments

designed by Dirk Boeiman; sawn by Dirk and Karen Boeiman



Introduction

Treat your musical friends to a scrolled ornament featuring their favorite musical instrument! For tips on personalizing these ornaments, be sure to see our suggestions included with the introduction to our Joyful Tidings Ornaments on page 42.

SUPPLIES

Wood; wood of choice—one piece 1/8" x 3-1/2" to 5" x 3" (approximate measurement, for each ornament)

Tools: scroll saw with blades of choice; drill with assorted small bits
Temporary-bond spray adhesive
Sandpaper, assorted grits

Please refer to all manufacturer's labels for proper product usage.

Background image supplied by iStockphoto.com/Richard Cano.



INSTRUCTIONS

Photocopy the patterns, saving the originals for future use. Attach the patterns to the wood using temporary-bond spray adhesive. Drill for all entry holes, and cut out the designs. Remove the patterns; sand the ornaments to smooth the surfaces, and attach a hanger of choice.

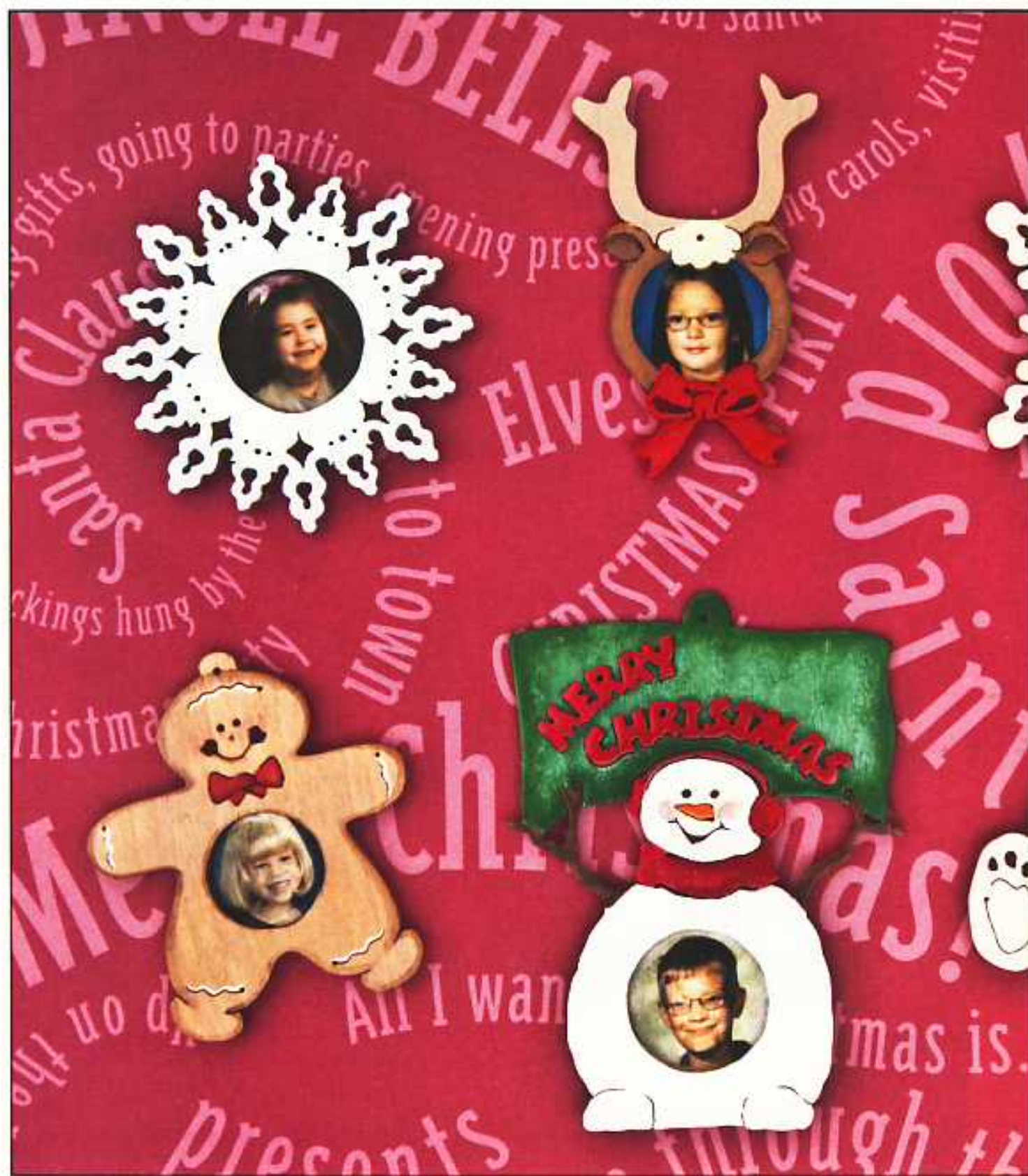
For questions concerning this project, send a SASE to: Dirk Boelman, P.O. Box 701, Platteville, WI 53818; or email: dirkdraws@centurytel.net.

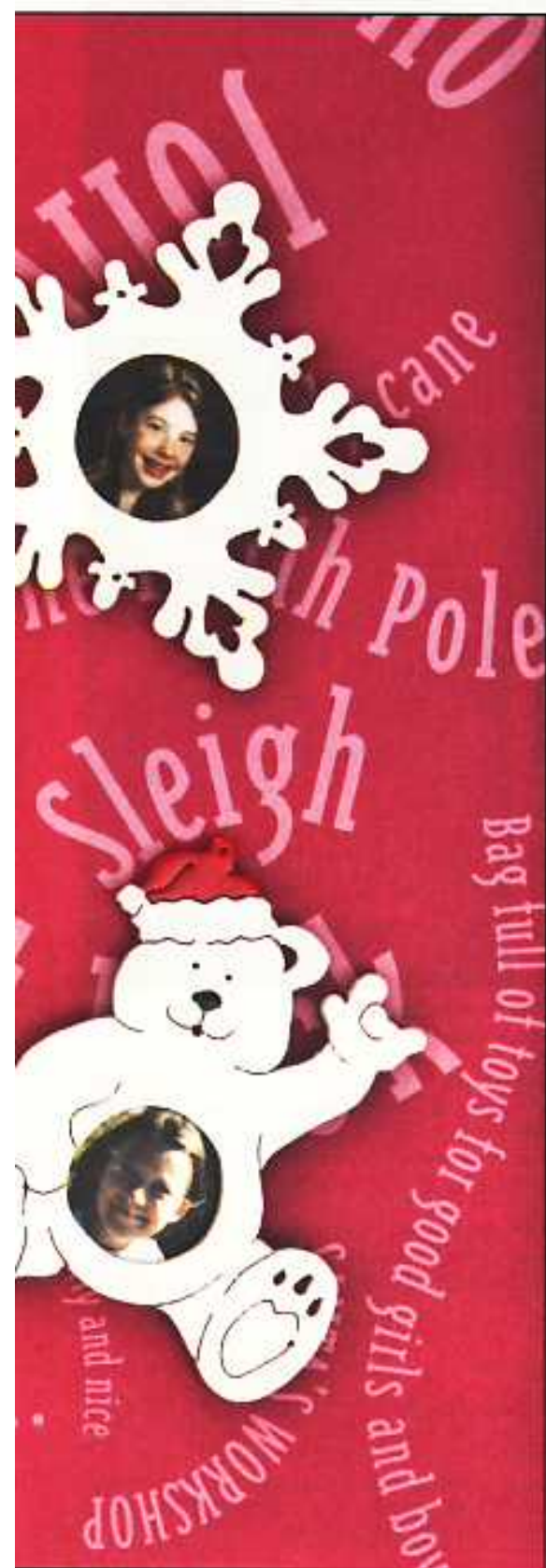




Wintry Photo Ornaments

by Billie (BJ) Holm





Background paper by Karen Foster Design.

SUPPLIES

Wood: 1/8"- to 1/4"-thick plywood or hardwood of choice—one piece 3-1/4" x 3-3/4" (for bear), one piece 3" x 3-3/4" (for snowman), one piece 2-1/2" x 1" (for "Merry Christmas" overlay), one piece 3-1/4" x 3-1/4" (for each snowflake), one piece 2-1/4" x 3-1/2" (for reindeer head), one piece 1-1/2" x 1-1/2" (for each photo backer)

Tools: scroll saw with No. 5 blades; drill with assorted small bits

Temporary-bond spray adhesive

Sandpaper, assorted grits

Wood glue

Tack cloth

Stain or acrylic paints (optional)

Paintbrushes (optional)

Small photos

Clear packing tape

Clear spray finish

Fishing line or nylon thread (for hangers)

Please refer to all manufacturer's labels for proper product usage.

Introduction

These photo ornaments are good projects for those small school pictures that you are never quite sure how to use, or any photo you choose to cut to size. Treat Grandma to a set of ornaments showcasing photos of all her grandchildren to display on her tree. They also make great "Baby's 1st Christmas" presents.

INSTRUCTIONS

Step 1. Photocopy the patterns, saving the originals for future use. (One photo backer will be needed for each ornament.) Sand and tack the wood to remove all dust. Using temporary-bond spray adhesive, attach the patterns to the wood.

Step 2. Drill for all entry holes. (Note that the dotted lines on the snowman ornament represent the placement of the "Merry Christmas" overlay; they are not cut lines.) Make all cuts, including the opening for the photo, using a No. 5 blade. Remove the patterns, and carefully sand and tack the pieces.

Step 3. If you choose to paint or stain the ornaments, refer to the photo for suggested color placement. When dry, apply two to three coats of clear spray finish, allowing each coat to dry before applying the next. (Do not apply finish or paint to the photo backers.)

Step 4. Place a piece of clear packing tape over the surface of the photo to protect it. Center the round wooden backer on the back of the photo, and trace the perimeter. Cut the photo out along the traced line, and glue it onto the backer. When dry, center the wood-backed photo in the photo opening of the ornament, and glue in place.

Step 5. Tie a 6"-8" length of fishing line or thread through each hole for a hanger.

For questions concerning this project, please email Billie at BJHolm57@yahoo.com.



Reader's Gallery



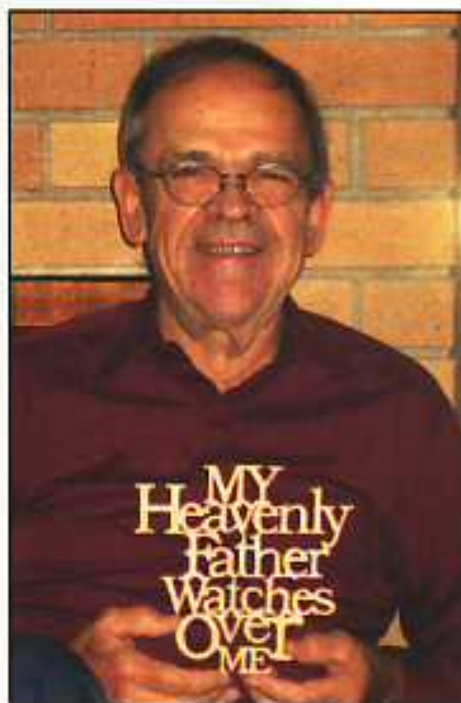
Norman Schafer of Ferndale, WA has always enjoyed working with wood. His interest in scrolling began when he was around ten years old, after his uncle bought a fret saw kit from Hobbies Ltd, which he shared with Norman. The kit consisted of a 12" handheld saw, blades, a metal work base to clamp on the edge of a table, a hand drill, and patterns. Although they didn't have electric power in those days, he says it was amazing what could be accomplished with the tools they had.

A few years before retiring, Norman bought an 18" Q-3 Delta scroll saw. His first project was a Noah's Ark shadow box with animals, designed by Paul Meisel. Norman's enthusiasm for shadow boxes grew, resulting in a round roof barn shadow box project that he designed, modeled after the barn built by his grandpa on the farm in Alberta, Canada where he grew up.

A little over a year ago, Norman challenged himself by scrolling a two-stack Lichterbogen [nativity scene], designed by Volker Arnold. He was amazed and pleased with the results. The judges at the Northwest Washington Fair agreed, because he was awarded a Blue Ribbon for his work. (He also received a Blue Ribbon for the Noah's Ark shadow box.)

Norman writes, "One of my goals in life is to be an encouragement to others. I know how uplifting it has been to me, when someone came along with an encouraging word. Realizing the troubled times we are living in, the pattern, 'My Heavenly Father Watches Over Me,' designed by Paul Boer and featured in the Holiday 2008 issue of *Creative Woodworks & Crafts*, provided me with an opportunity to encourage others. I have scrolled twelve of these plaques, and have given one to a friend in the hospital in lieu of flowers. I have also sent one to a former exchange student in Tbilisi, Georgia, just after the Russians invaded. I was rewarded by her expression of the encouragement it gave her. I want to thank all the creative scrolling artists who contribute designs and ideas that have empowered me in developing my own gifts, and I look forward to more scrolling projects."

We are so happy to hear that you are using your wonderful talents to help others in need, Norman. I'm sure all members of the woodworking community would agree that one of the most rewarding things about this hobby is when someone else can benefit from it. Your goal of encouraging others is truly inspiring. Thank you for sharing your story with us.



Attention readers:

We invite you to send us photos of your work, whether original or not, to be included in our Reader's Gallery feature. **If it is not of your own design, please tell us whose design it is** and, if possible, add a few sentences about the piece(s) being shown. Please do NOT send the item itself. Also include your mailing address, and feel free to include a photo of yourself!

Digital photographs are acceptable with a resolution of 300 dpi at a minimum of 3" x 4", preferably in jpeg or tiff format. They may be emailed to: editors@woodworkandcrafts.com. Good, clear, flat photos (or slides) are also acceptable, and may be sent to Creative Woodworks & Crafts, 7 Waterloo Road, Stanhope, NJ 07874. Attn: Robert Becker.



Gus Panart of Rathdrum, ID began woodworking about 13 years ago after he retired. He now enjoys designing his own woodworking patterns, and this beautiful pine sewing basket that he made as a Christmas gift for his wife is an example of one of his original creations. It measures 17-3/4" wide x 10" deep x 12" high and has a removable tray. Your workmanship is lovely, Gus. Your wife is very lucky to have such a talented husband!



Don Case of Conroe, TX has been quite busy with his woodworking. Clearly being 86 years old hasn't slowed him down! He writes that around 1970 he built his shop, which measures 24' x 30', and a friend with a cabinet shop has supplied him with wood for projects for years. Your projects are great, Don—very colorful and lots of fun! We're so happy to hear you enjoy the magazine, and hope we'll get to see lots more of your work.

continued on page 70

Reader's Gallery

continued from page 69



John Frasco of Prospect, CT got his start in intarsia by making cartoon characters to hang in his son's bedroom. They were such a hit that he soon started making them as birthday presents for his neighbor's children.

The lovely Holy Family piece that John made was designed by Bruce Worthington. The Cross with Dove is an original design by John, made at the request of his wife.

John is shown holding the Ram, which was designed by Bruce Worthington and featured in the January, 2009 issue of *Creative Woodworks & Crafts*. The Perched Eagle was designed by Fred Martin and featured in the January, 2004 issue. John has made three of these eagles and given them as gifts.

The Tiger intarsia, based on a design by Judy Gale Roberts, was one of John's first projects, and he writes, "Since this was one of my first, the skill level wasn't as refined as I first thought. Great time and effort was made to cut, and many times remake, each and every stripe. Also, my son was very young at the time and would come visit and inadvertently knock the unfinished pieces on the floor. Good thing that intarsia woodworkers are notorious for their patience!"

Between the beautiful religious-themed projects you make and all the items you give as gifts, John, Christmas must be a very busy time of year for you! Thank you so much for sharing these photos of your projects!



Ronald Walter of Pittsburgh, PA designed and cut this enchanting Santa sleigh pulled by eight reindeer. Constructed of solid oak, it is truly a lovely piece of workmanship. Thanks so much for sharing, Ronald!



Henry Stone of Columbus, OH is 80 years old and has been scrolling for over 50 years! He has made several versions of over 40 different clocks, several hundred "what not" shelves, and numerous baskets, mini-clocks, religious pieces, and military plaques. Henry is shown here at his booth at South Pointe Market Place in Columbus with some of his pieces, including the Alpine Cottage Clock, the Williamette Clock, and the Edgewater Clock, all designed by Dirk Boelman, plus the Dome Clock, available through Wildwood Designs. It looks as though a lot of Christmas shopping could be done right at your booth, Henry! Thanks for sharing!



Roger Sprague of

Falconer, NY shared these photos of his holiday woodworking projects. They include a wreath based on a Swedish design, a set of two standing deer, Swedish dala horse candlesticks, an oak leaf cross, and 3-D Christmas trees. (Roger writes that the Christmas trees went like "wild fire" at a recent craft show, and he gives many of the scrolled crosses as Christmas presents.)

Thank you for letting us see your work, Roger—your house must be very festive looking at holiday time!





Holiday Buddies

pattern and write-up by Bruce Worthington;
finished piece and process
photographs by Janette Square

Introduction

The Holiday 2008 issue of *Creative Woodworks & Crafts* featured our Christmas Friends trio of penguin, snowman, and teddy bear. Because that "crew" was so well received, we decided to design another fun holiday grouping. These three patterns are a little deceiving in that they appear to be very basic designs, when in actuality, they can be a bit of a challenge. Simply take your time, and you should be fine. Most of the instructions focus on the shaping process, but photos are provided showing all the pieces prior to shaping them. When completed, this trio will make a charming addition to your holiday decor!





Background paper by Cloud9Design.
Background image supplied by
©istockphoto.com/espion.

continued on page 74

SUPPLIES

Wood: (See wood list for each individual project. Amounts of wood required will depend upon grain configuration. For questions about obtaining some of the woods used in these projects, visit the Wood Sources link on Bruce's homepage at www.intarsia.net. The listing includes phone numbers for the wood supply companies, plus links to their websites.)

Tools: scroll saw with No. 5 blades, No. 7 blades, or blades of choice; drill with assorted bits; belt sander; oscillating spindle sander; inflatable drum sander; detail sander; rotary tool with assorted attachments; sharpened dowel or dental tool

Temporary-bond spray adhesive

Clear packing tape

Fine-grit sandpaper

Wood glue

Wax paper (optional)

Wipe-on urethane finish, or clear finish of choice

Permanent-ink marker

Wood for Bird:

3/4"-thick pieces of basswood (for hat brim); blue pine (for body); madrone (for cheeks); Peruvian walnut (for eyes); poplar (for leaves and scarf); Tennessee cedar (for hat and berries); yellowheart (for beak, scarf, and feet); Baltic birch plywood—one piece 1/8" x 8" x 10-1/4" (for backer)

Wood for Kitten:

3/4"-thick pieces of aspen (for face and eyes); cherry (for nose); Peruvian walnut (for eyes); poplar (for holly leaves); purpleheart (for bulb); Tennessee cedar (for scarf); western red cedar (for body and head); yellowheart (for bulb); Baltic birch plywood—one piece 1/8" x 7-1/2" x 8-1/2" (for backer)

Wood for Santa:

3/4"-thick pieces of alder (for skin tones); aspen (for fur trim, beard, moustache, and eyebrows); blue pine (for handle); poplar (for box); walnut (for mittens, eyes, mouth, buttons, and end of handle); Baltic birch plywood—one piece 1/8" x 8-1/4" x 10-1/4" (for backer)

Please refer to all manufacturer's labels for proper product usage.

INSTRUCTIONS

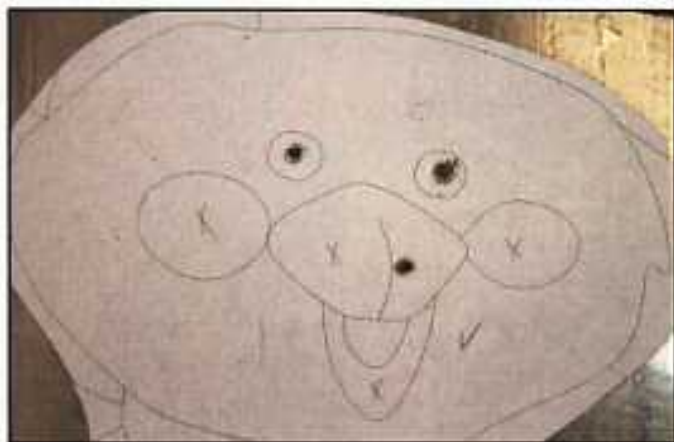


For all pieces:

Make several photocopies of each pattern, saving the originals for future use. Cut apart the various sections of the patterns, and position them on the appropriate pieces of wood, paying careful attention to the grain configuration. Apply a layer of clear packing tape to the surfaces of the wood, and use temporary-bond spray adhesive to attach the pattern pieces to the taped

surfaces. (This is our preferred method of transferring the patterns. The packing tape permits you to easily view the wood grain, and it allows for easy pattern removal. However, carbon paper and tracing paper can be used to transfer your pattern if you are more comfortable with that method.)

For bird:



Step 1. Prior to cutting out the head piece, drill the pilot holes for the facial features and cut out the openings.



Step 2. Cut and fit all the pieces of the bird. Take your time, adjusting the pieces for fit as necessary.



Step 3. Begin shaping the pieces, starting with the leaves. Glue the pieces together as you go.



Step 4. It is helpful to place the pieces on wax paper while gluing them together and allowing them to dry. This way, they are less likely to stick to the work surface.



Step 5. Place a riser under each portion of the face.



Step 6. Also place a riser under the entire head portion. The addition of the risers allows you more room to shape the individual pieces and gives the final project more of a three-dimensional effect.



Step 7. To add to the three-dimensional effect, make each of the berries a different thickness.

continued on page 76



Step 8. The back of the hat should be lowered so it appears to be going behind the bird's head.



Step 9. When satisfied with the shape of the pieces, edge-glue them together, apply your finish of choice, and let dry completely.

Step 10. Place the project onto the plywood, and trace the perimeter of the piece onto the plywood. Cutting 1/16" inside the traced line, cut out the plywood backer, and glue it in place.



for kitten:

Step 1. Cut and fit all the pieces for the kitten. While the cutting of the kitten is relatively straightforward, a good fit of all the pieces is still important.



Step 2. After cutting the pieces for the bulb, glue them together so it can be sanded and shaped as one piece. A spindle sander comes in handy for squaring up the sides of the pieces before shaping them.



Step 3. When shaping the leaves on top of the kitten's head, round over the upper leaves to add more shape.



Step 5. Slightly raise the facial features so that the pieces can be properly contoured.



Step 6. Check the final fit and shaping of all pieces before edge-gluing them together.



Step 4. To add to the three-dimensional appearance, shape some areas lower, such as the kitten's back arm and leg.



Step 7. Apply your finish of choice, and let dry.

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Step 8. Place the project on the plywood, and carefully trace around the perimeter of the project.



Step 9. Cutting 1/16" inside the traced line, cut out the plywood backer, and glue it in place.



that should be cut out before fitting them into the body and head. This will make it easier to achieve a good final fit.



Step 2. Drill pilot holes for the buttons and facial features before cutting out the body.



Step 3. Cut a 1/8"-thick riser to go behind the handle in order to be able to correctly shape it.

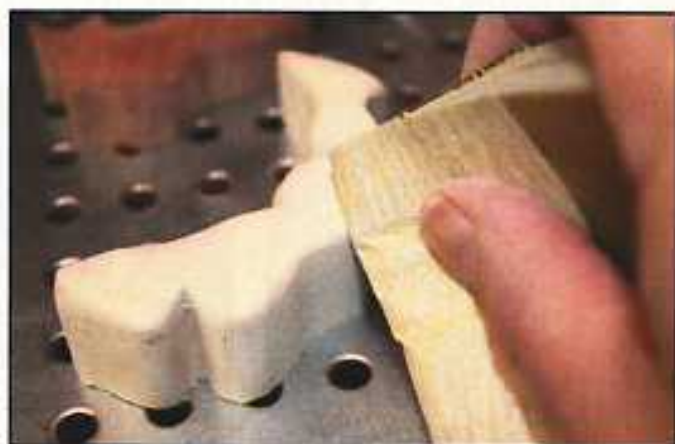
for Santa in box:



Step 1. Transfer the pattern sections to the appropriate types of wood. The Santa has a number of small pieces

Step 4. Finish cutting all the pieces and adjust for fit as needed.





Step 6. The curves of some pieces will appear more natural if they are sanded by hand.



Step 7. When satisfied with the shaping of all the pieces, edge-glue them together. Apply your finish of choice. Use a soft cloth and a dental tool or sharpened dowel to remove excess finish from the nooks and crannies.



Step 5. Several pieces should be tapered back toward the adjoining ones to show a separation of the pieces and to make the front pieces appear to be on top of the others. Shown here are a few examples.

To finish (all pieces):

If you plan to sell your finished pieces, be sure to sign your name on the backer using a permanent-ink marker. Some people appreciate having a list of the woods used in the project, which can also be written on the backer. To display the pieces on a wall, attach a sawtooth hanger or hanger of choice to the back.

To contact Bruce, email him at brucew@intarsia.net, or visit his website at www.intarsia.net. To contact Janette, email her at jsquare@square-designs.com, or visit her website at www.square-designs.com.



Step 8. Trace the perimeter of the project onto the plywood, cut out the backer 1/16" inside the traced line, and glue the backer to the project.

A Sneak Peek from our November Issue on sale September 29th!



Sandhill Cranes
by Deb Nicholson



Trick or Treat
by Bob Valle



Pocket Shelf
by Dan and Ray Wilckens



Hope, Dream, Change
by Toni Burghout



Autumn Sign
by Sheila Landry



Nutcracker
by Bruce Worthington
and Janette Square

**Segmented
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by Roy King,
Scott Kochendorfer,
and Bob Valle



Wild Turkeys
by Mike Williams



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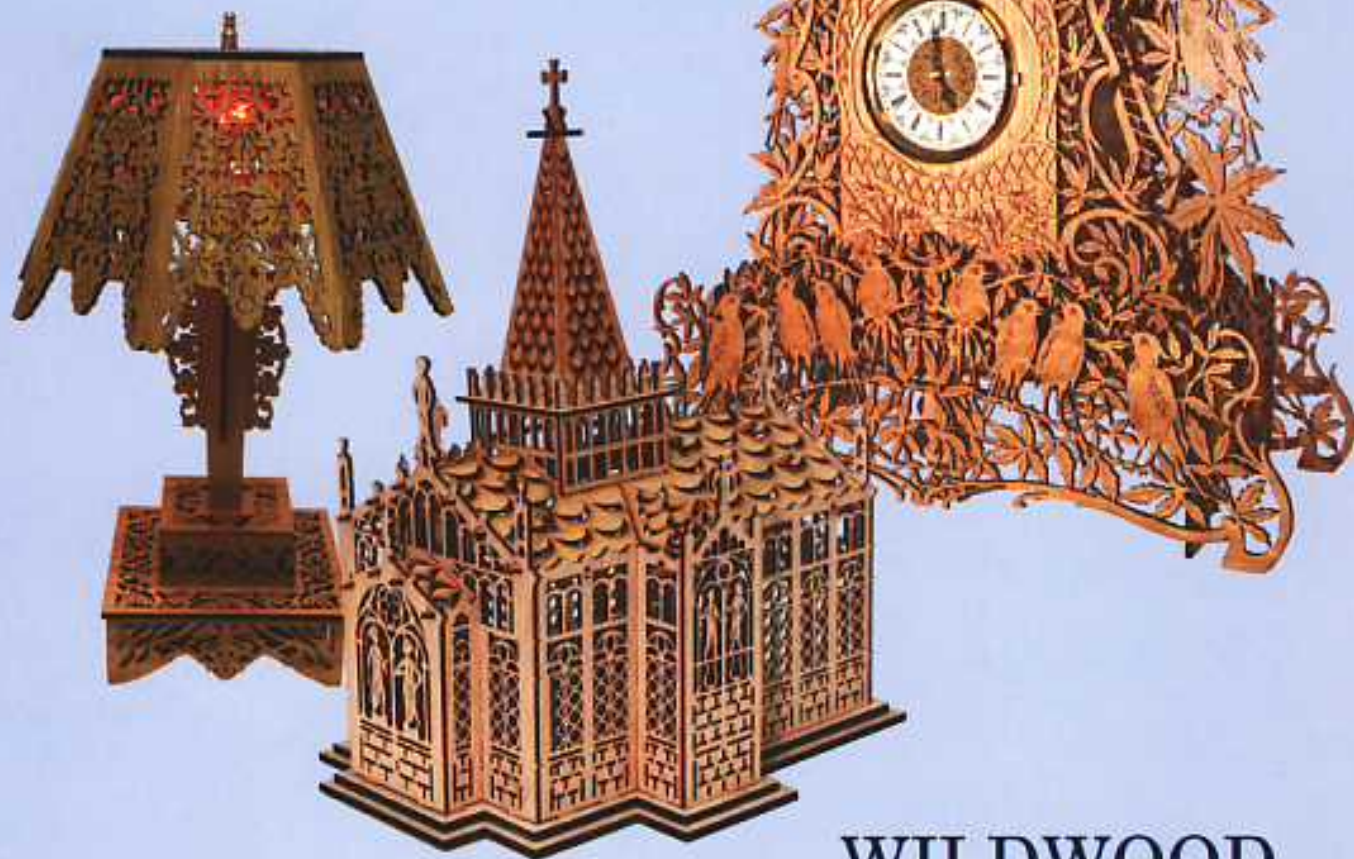
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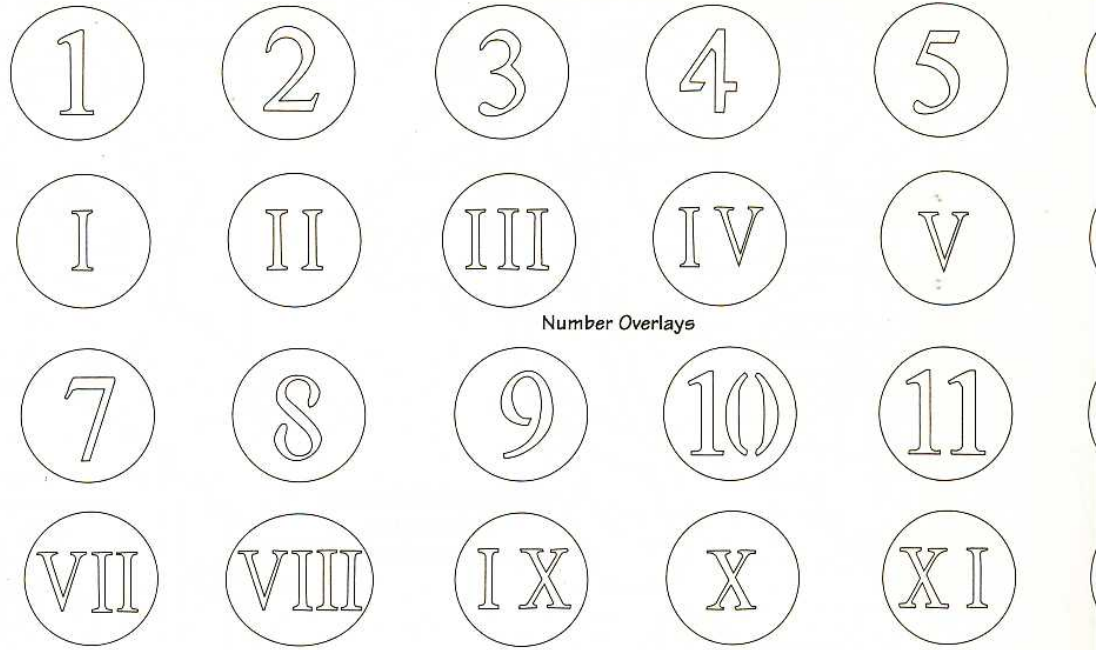
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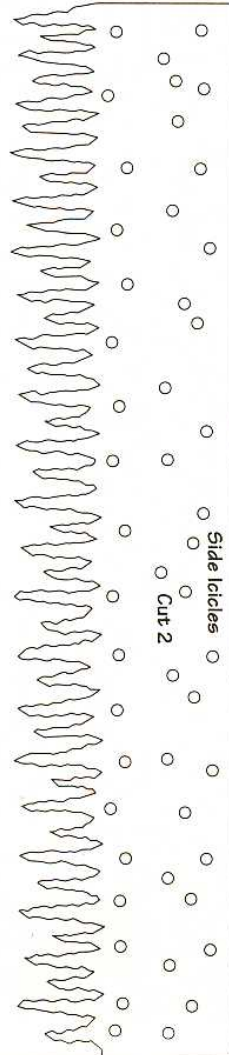
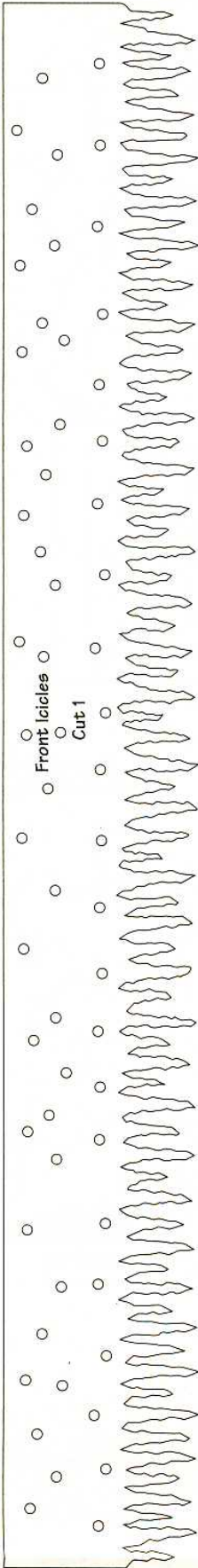
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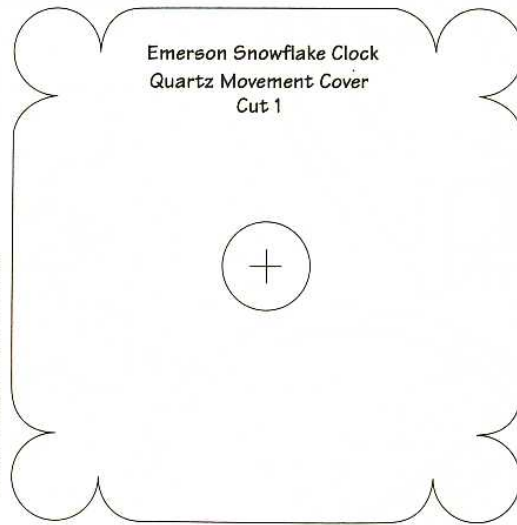


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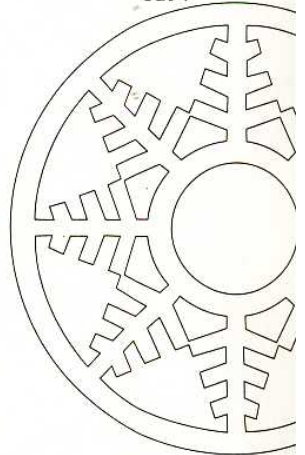


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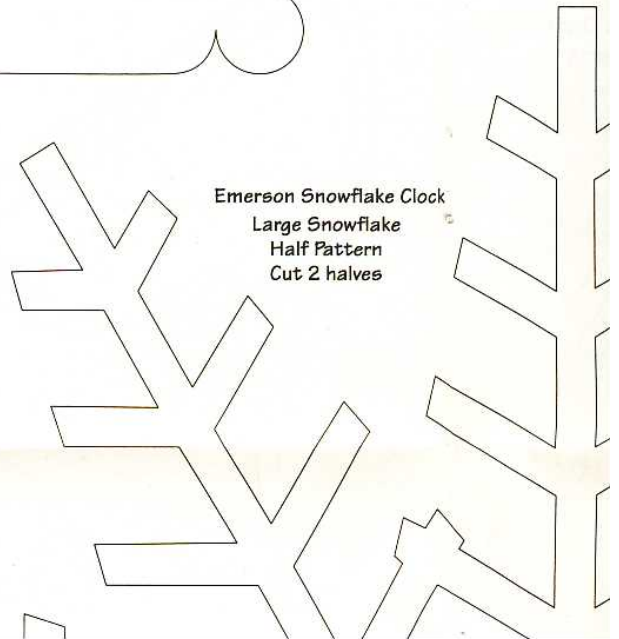
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Emerson Snowflake Clock
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Cut 1

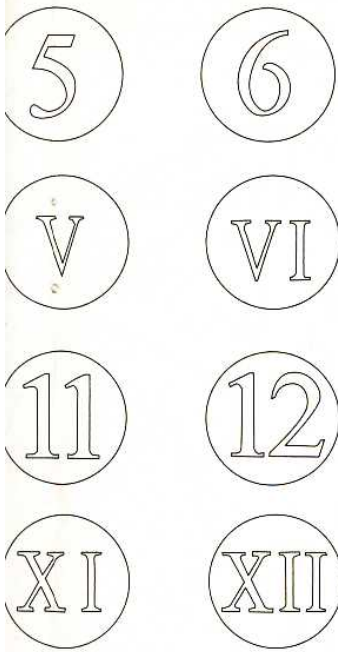


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Large Snowflake
Half Pattern
Cut 2 halves

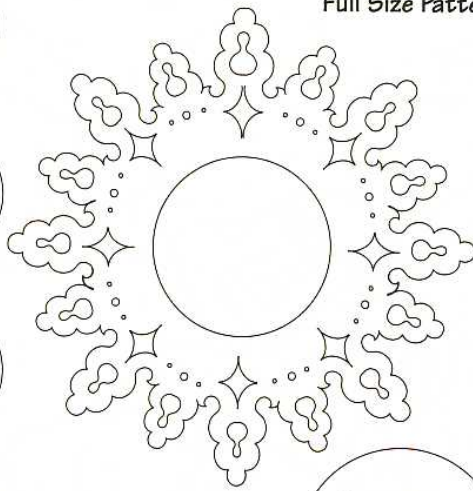


Emerson Snowflake Clock
Small Snowflake
Cut 18

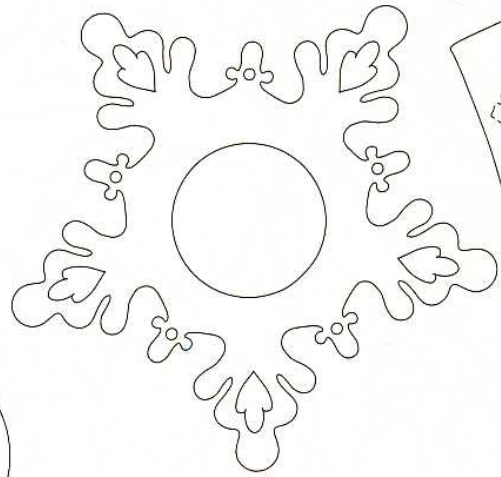




Wintry Photo Ornaments
Full Size Patterns

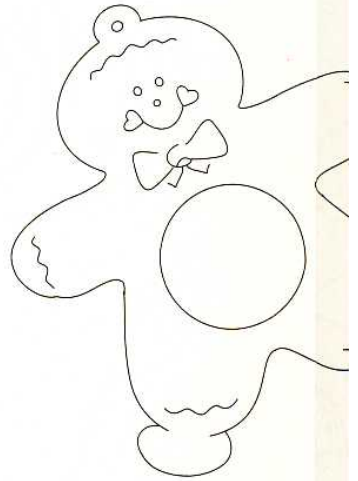
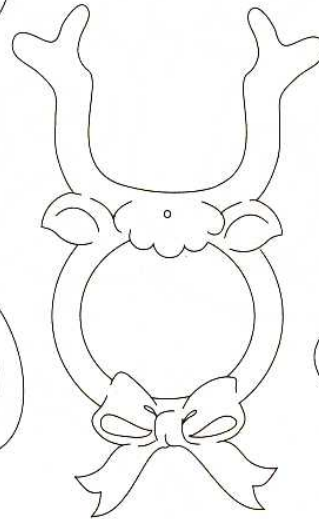


MERRY CHRISTMAS
Snowman Photo Ornament Overlay

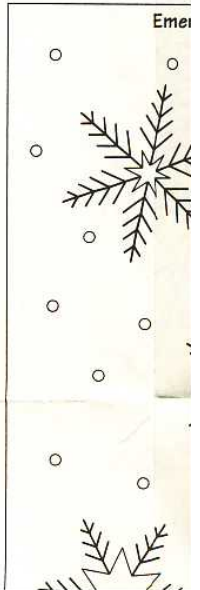
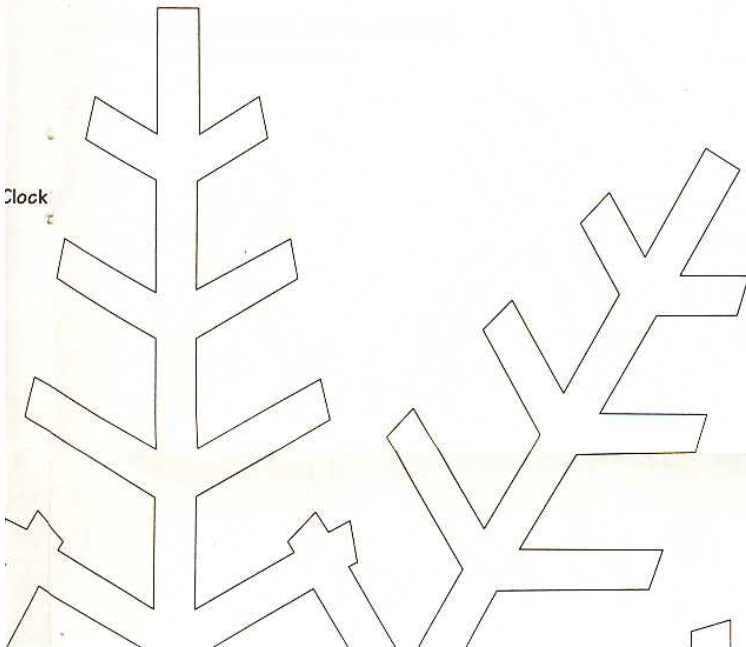
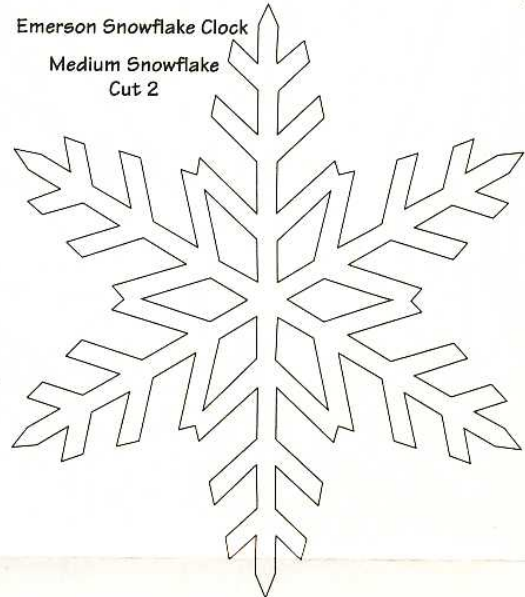


Wintry Photo Ornaments
Backer
Cut 1 for each ornament

Emerson Snowflake Clock
Center Overlay
Cut 1

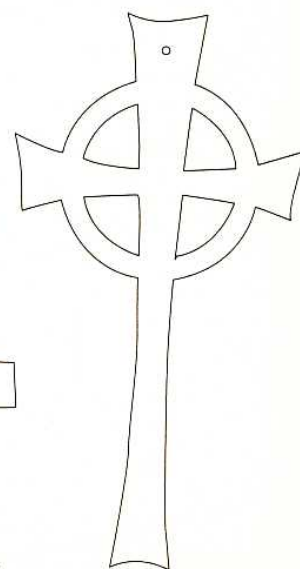
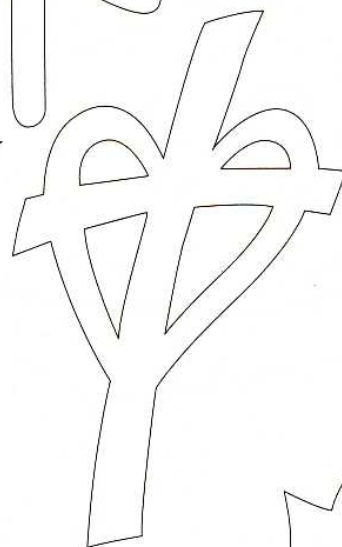
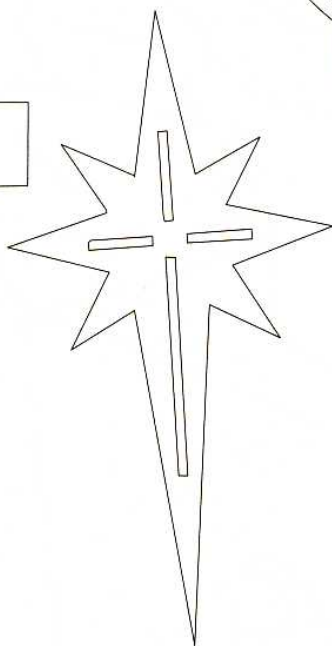
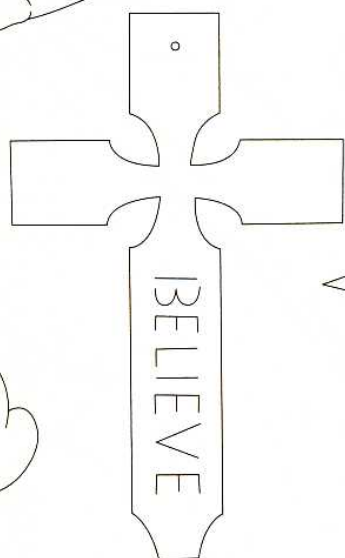
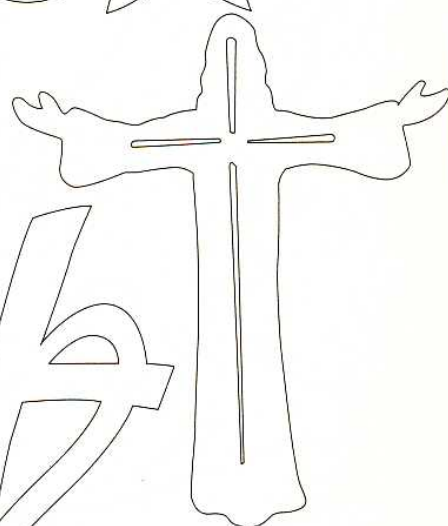
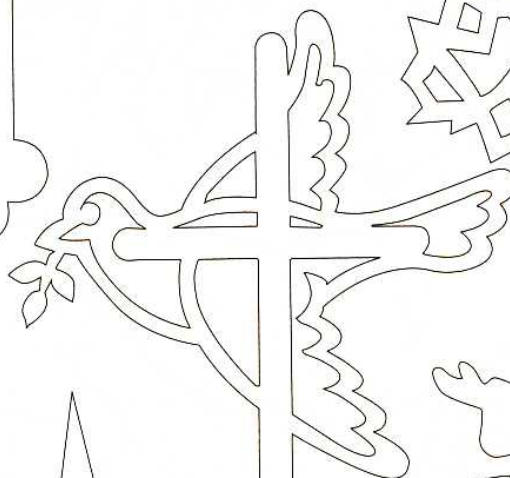
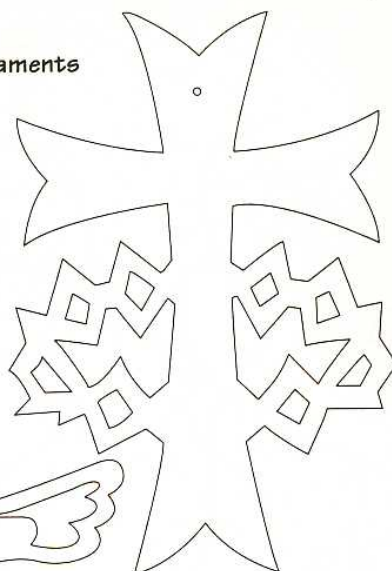
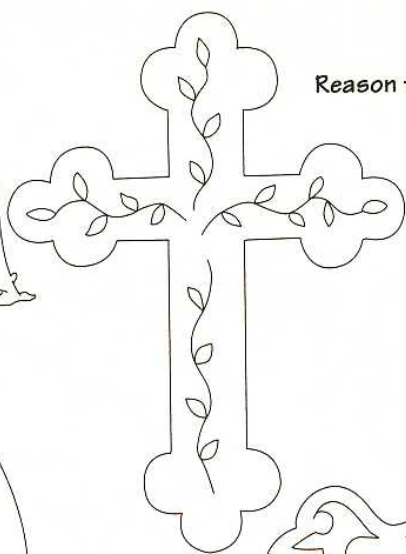


Emerson Snowflake Clock
Medium Snowflake
Cut 2

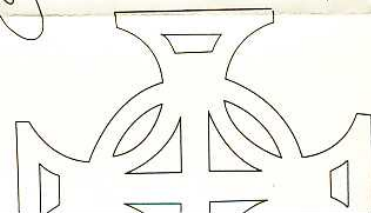
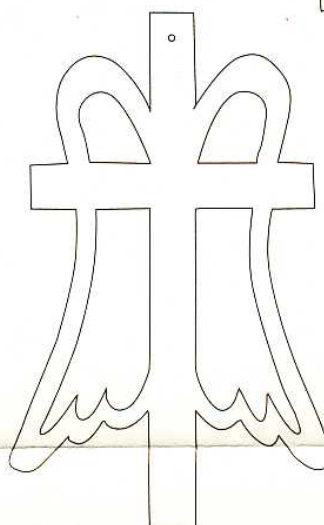
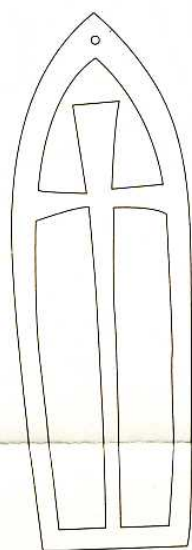


Reason for the Season Ornaments
Full Size Patterns

Dotted lines represent
placement of overlay



Emerson Snowflake Clock
Upright Base
Cut 1



CREATIVE Woodworks & CRAFTS

FULL SIZE PATTERN SECTION NO. 1 HOLIDAY 2009

Side A

The Emerson Snowflake Clock.....from page 16
 Host of Angel Ornaments.....from page 6
 Joyful Tidings Ornaments.....from page 42
 Reason for the Season Ornaments..from page 36
 Wintry Photo Ornaments.....from page 66

Side B

Angelic Choir Ornaments.....from page 10
 Heavenly Peace.....from page 20
 Holiday Buddies.....from page 72
 Holiday Traditions Ornaments.....from page 52
 Joy to the World Bells.....from page 14
 Presents from Santa.....from page 50
 Sights of Christmas Ornaments.....from page 41
 Sounds of the Season Ornaments...from page 64

Metric Conversions:

1 inch = 25.4mm = 2.54cm = 0.0254m

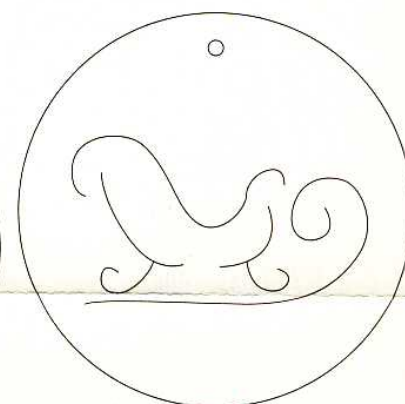
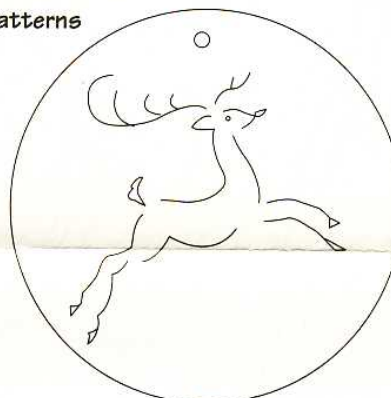
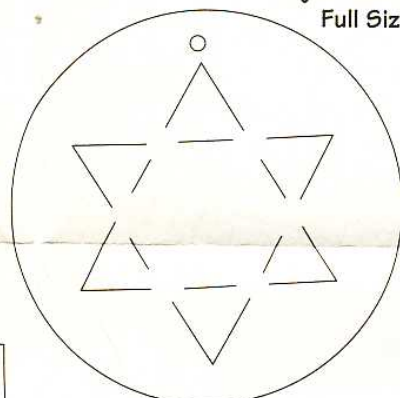
Common Measurements:

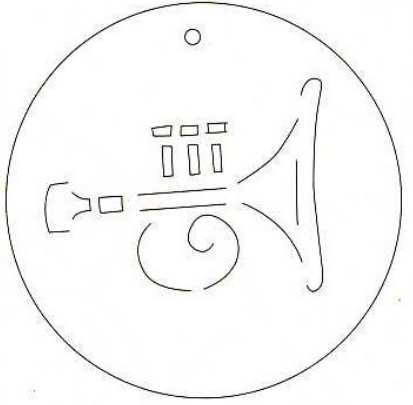
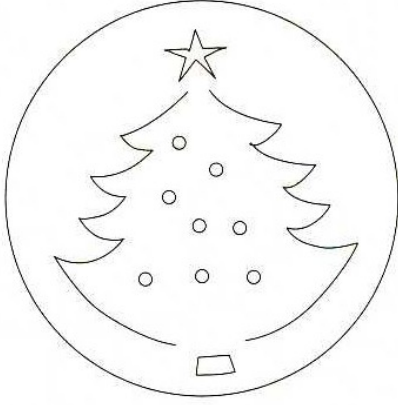
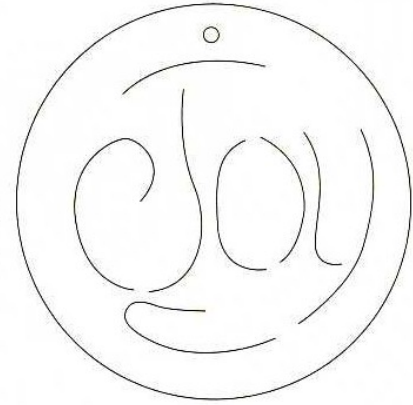
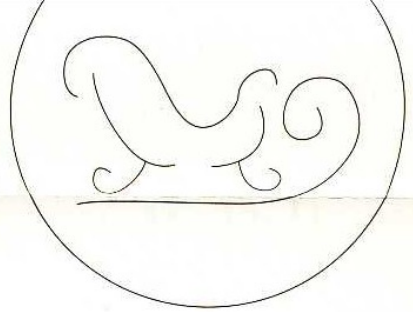
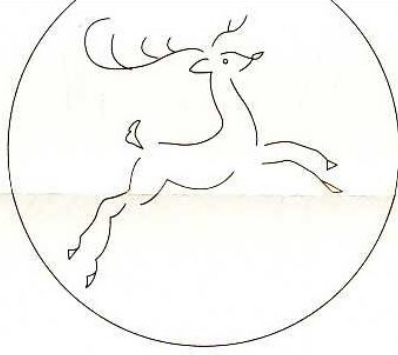
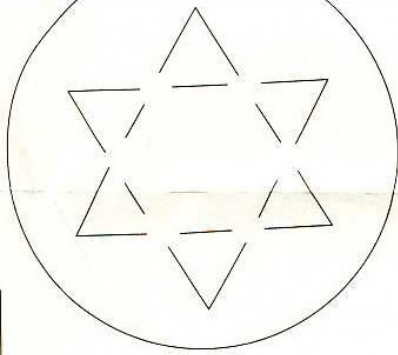
1/16" = 1.59mm	5" = 12.70cm
1/8" = 3.18mm	6" = 15.24cm
1/4" = 6.35mm	7" = 17.78cm
3/8" = 9.53mm	8" = 20.32cm
1/2" = 1.27cm	9" = 22.86cm
5/8" = 1.59cm	10" = 25.40cm
3/4" = 1.91cm	11" = 27.94cm
7/8" = 2.22cm	12" = 30.48cm
1" = 2.54cm	24" = 60.96cm
2" = 5.08cm	36" = 91.44cm
3" = 7.62cm	45" = 1.14m
4" = 10.16cm	60" = 1.52m

Note: all of the designs in Creative Woodworks & Crafts pattern sections are copyrighted. You are permitted to make photocopies ONLY for your personal use. You may give away or sell the completed projects you make from them, but you are NOT permitted to make copies of the actual patterns themselves to sell, give away or otherwise distribute in any other form.

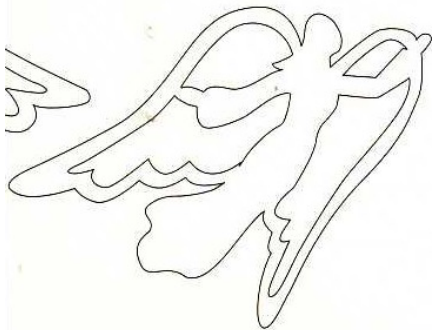
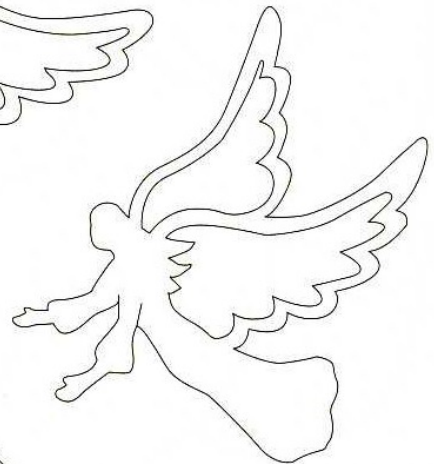
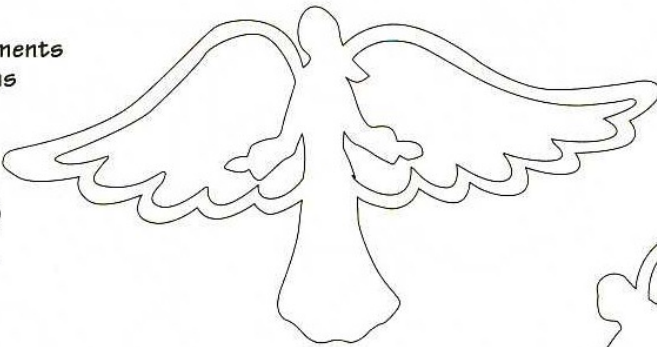


Joyful Tidings Ornaments
Full Size Patterns



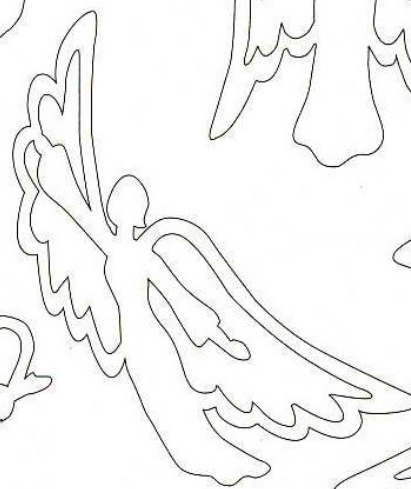
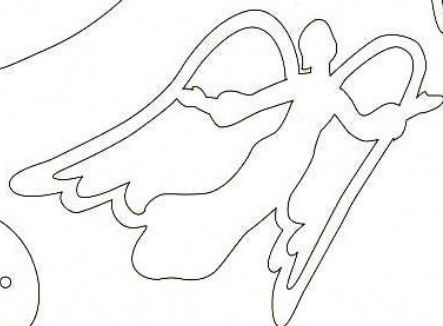
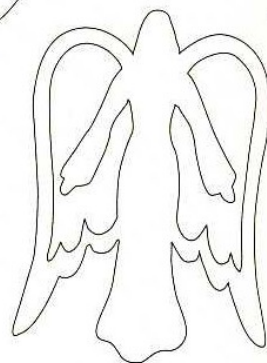
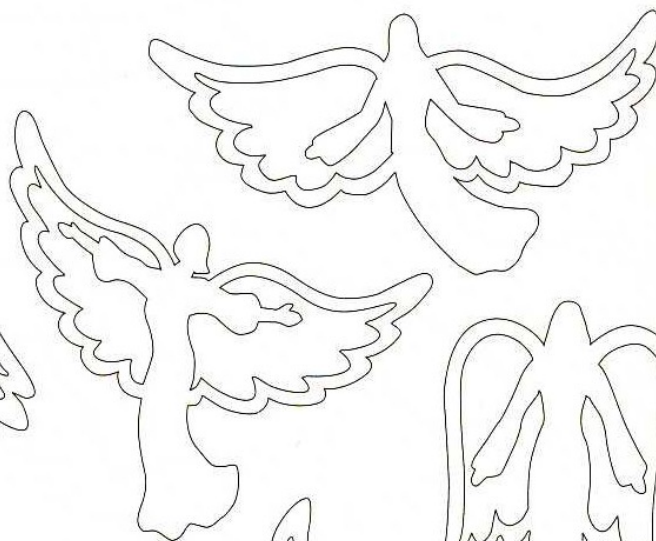
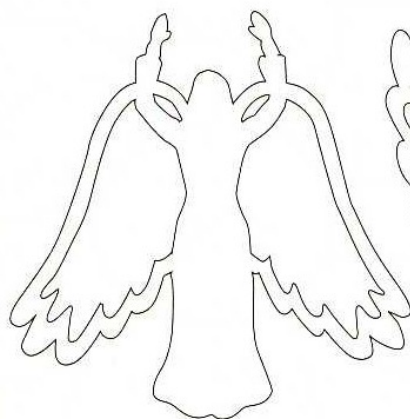
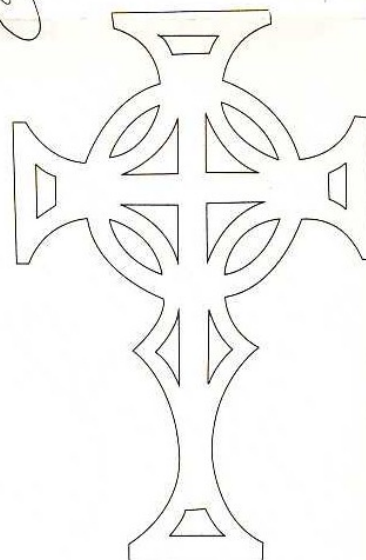
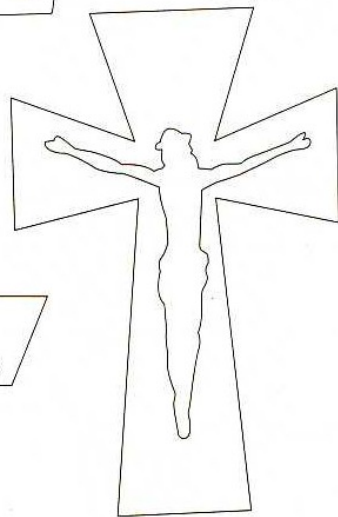
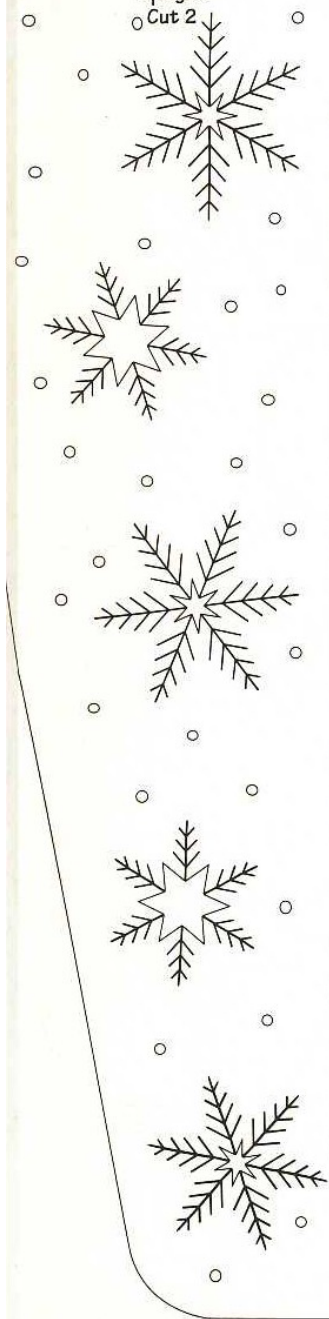


Host of Angel Ornaments
Full Size Patterns

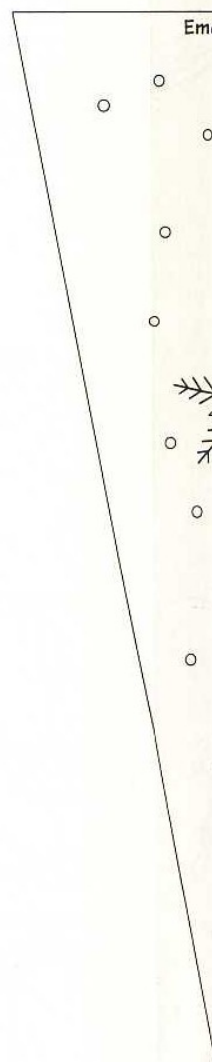
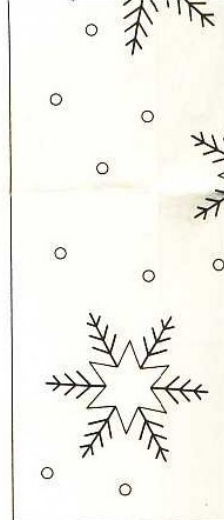
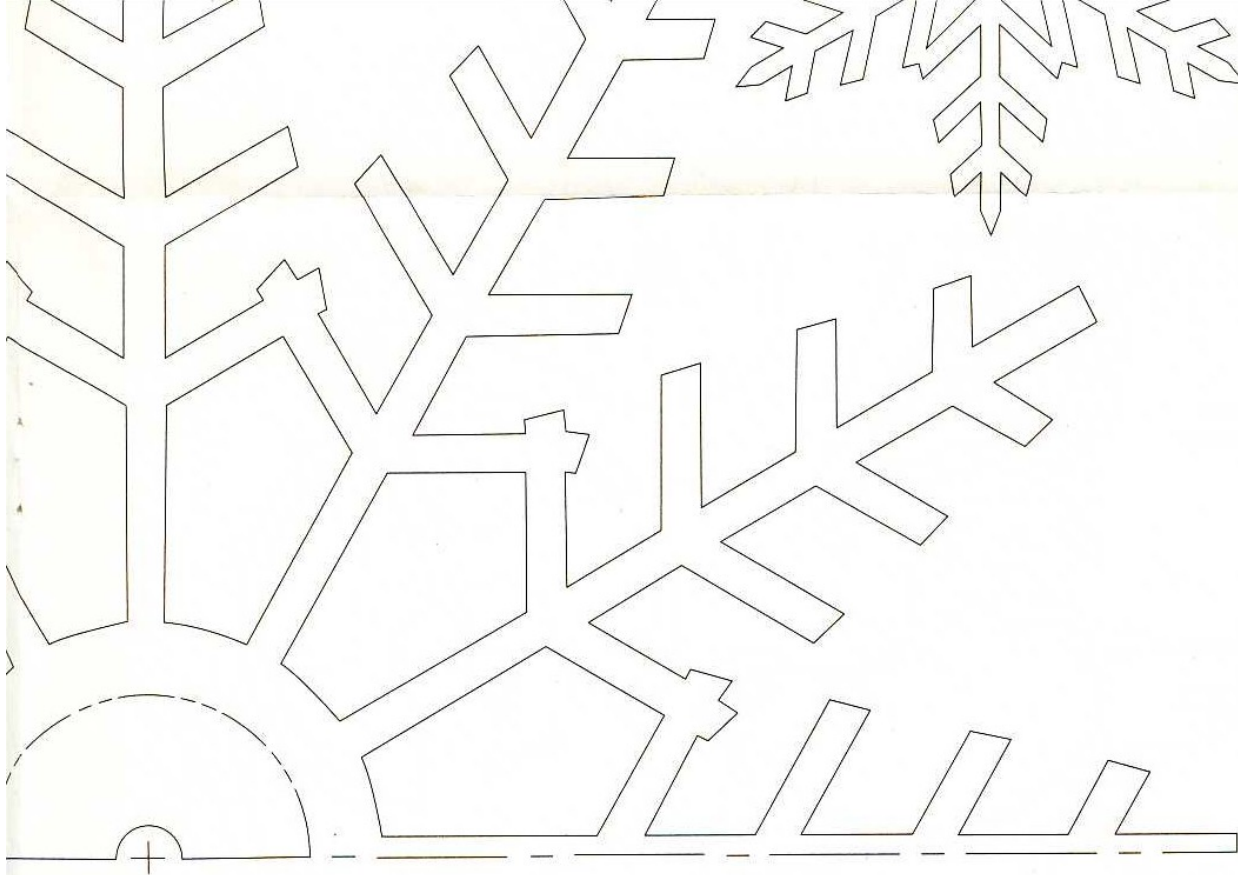




Emerson Snowflake Clock
Upright
Cut 2

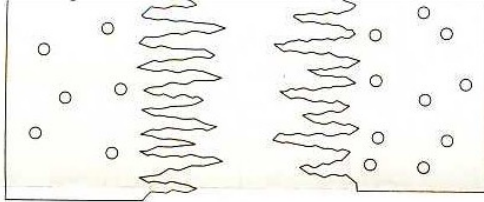


Hos



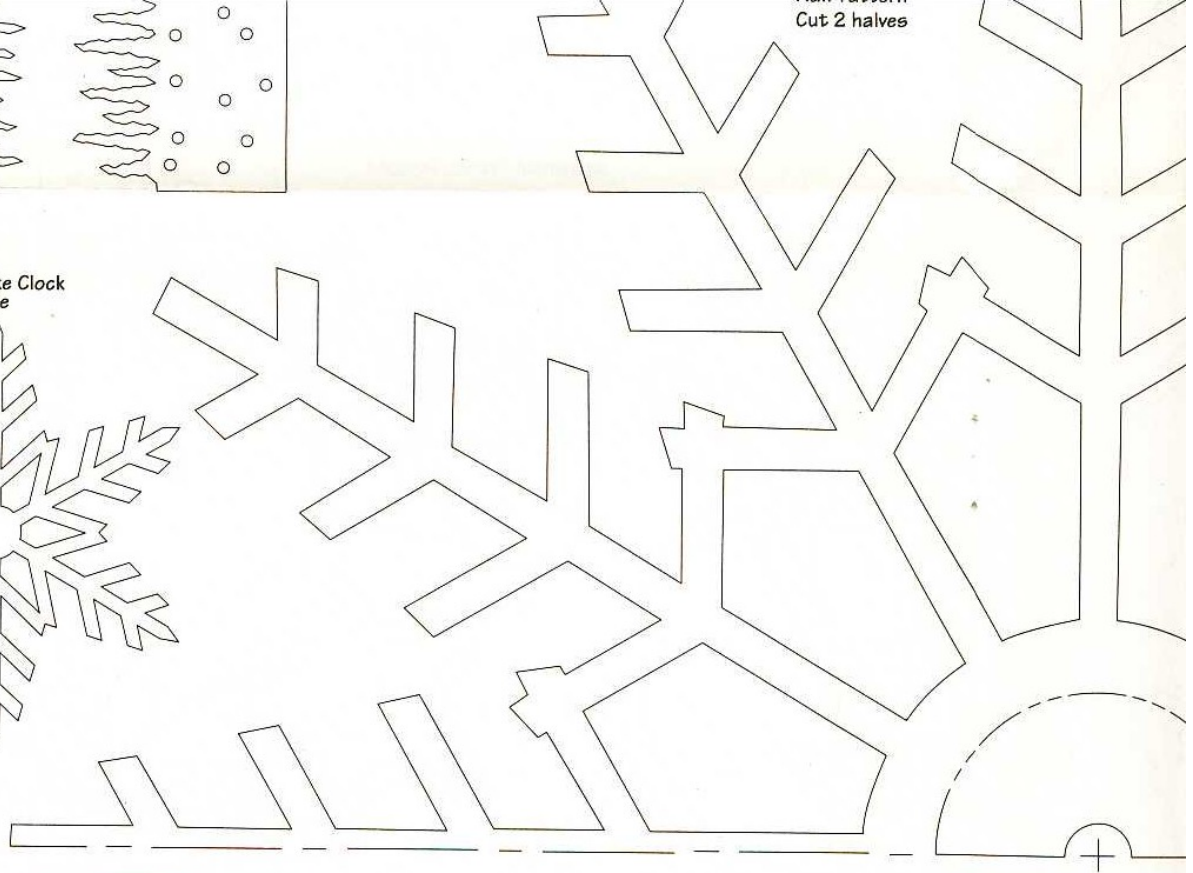
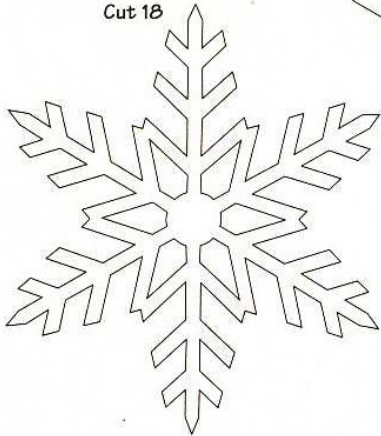
Emerson Snowflake Clock

Base
Cut 1



Cut 2 halves

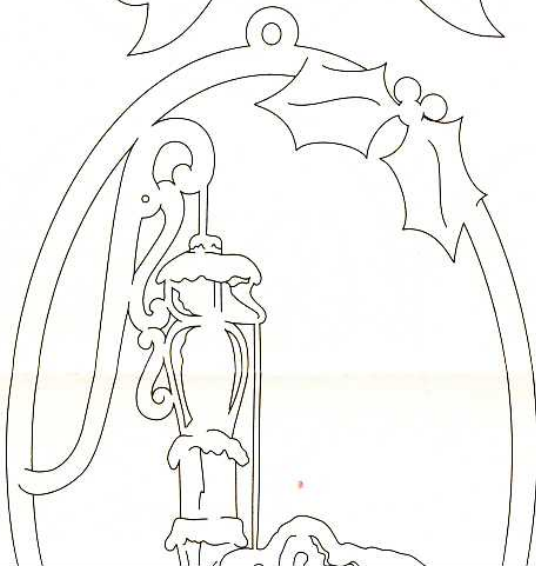
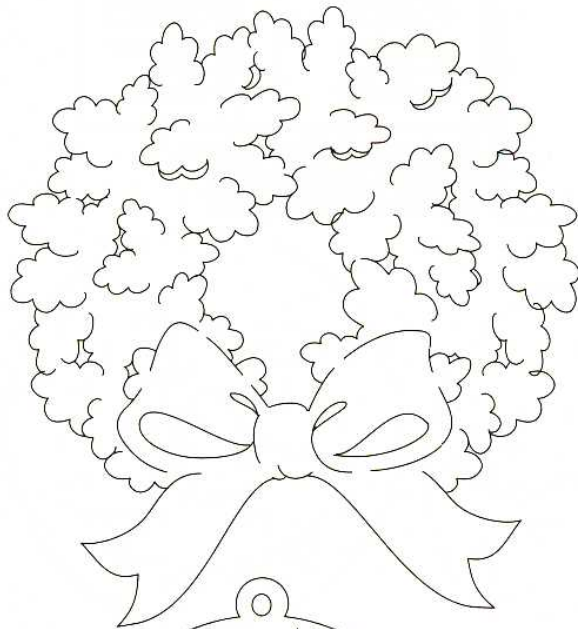
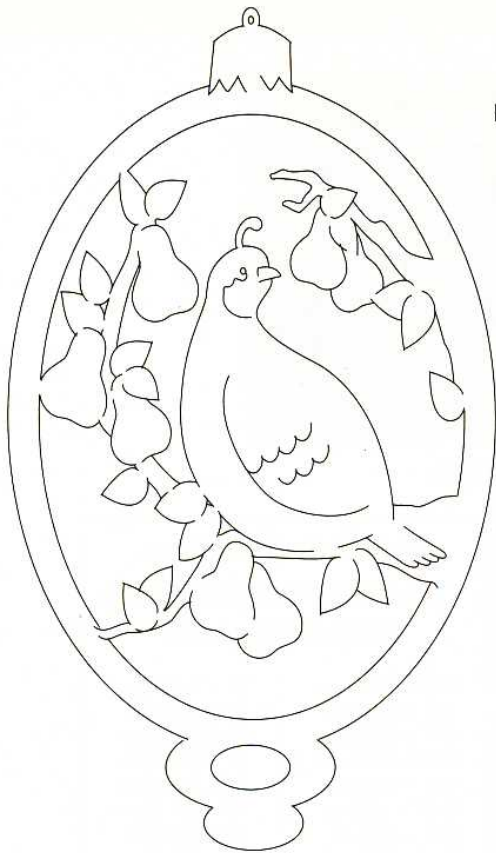
Emerson Snowflake Clock
Small Snowflake
Cut 18

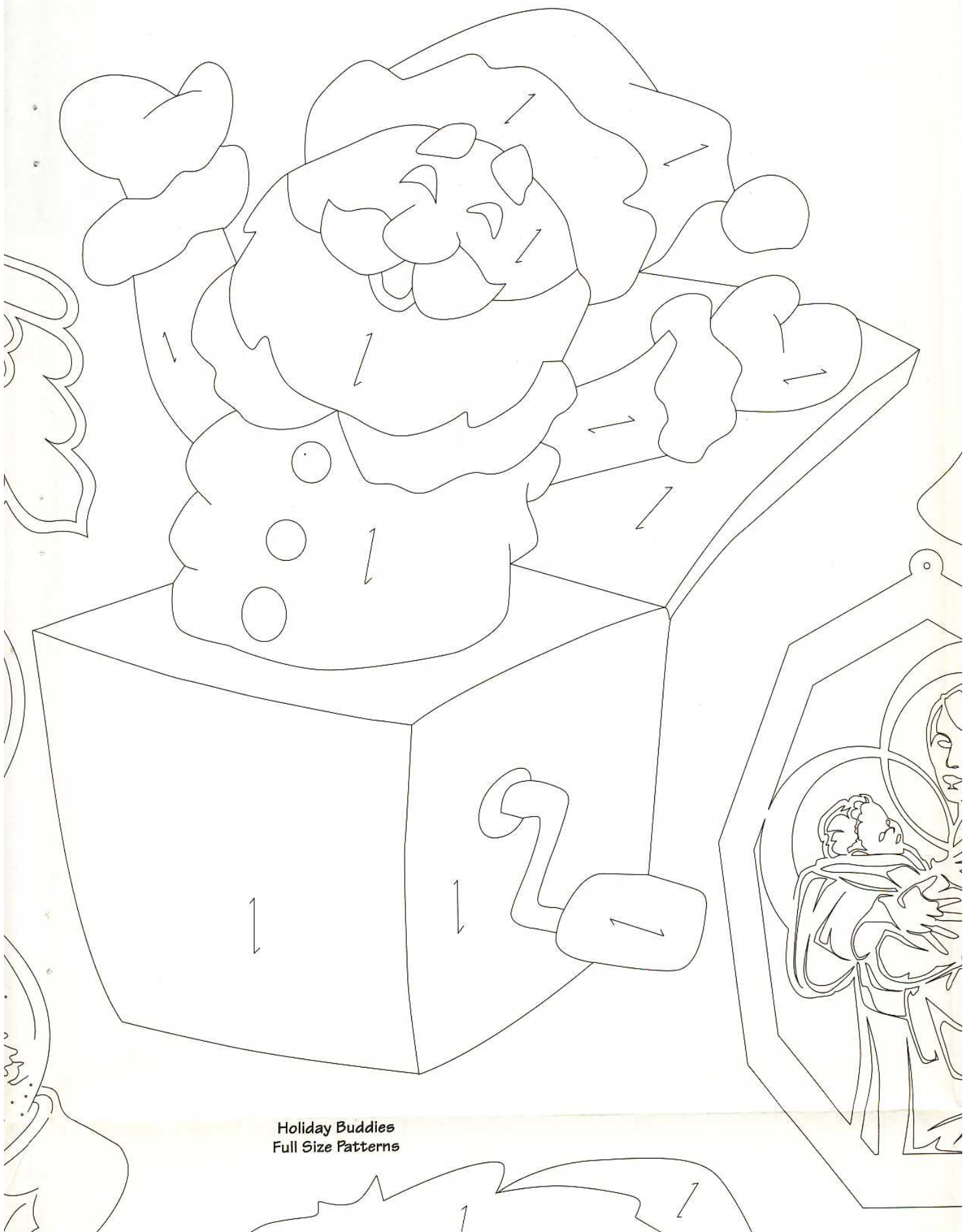


Emerson Snowflake Clock

Floor
Cut 1

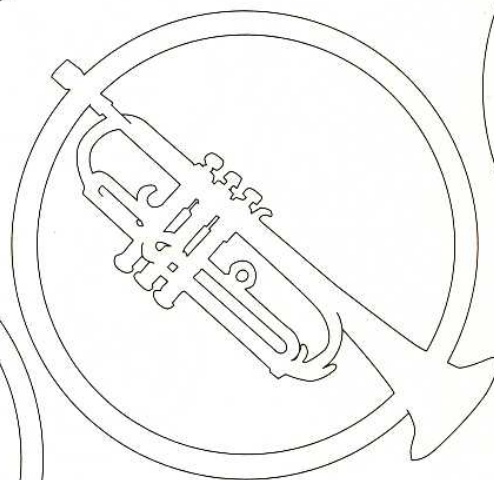
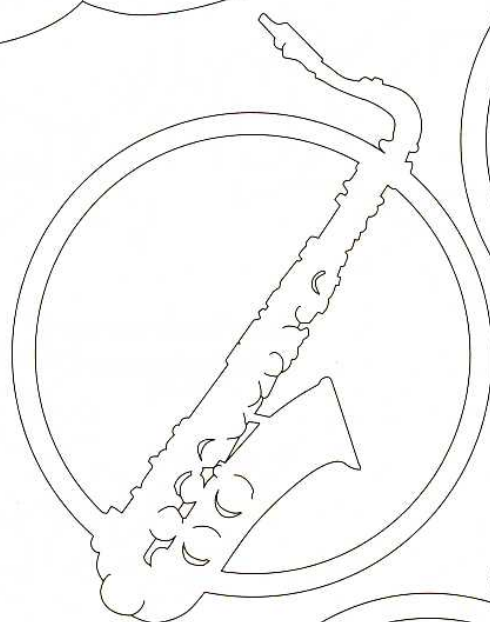
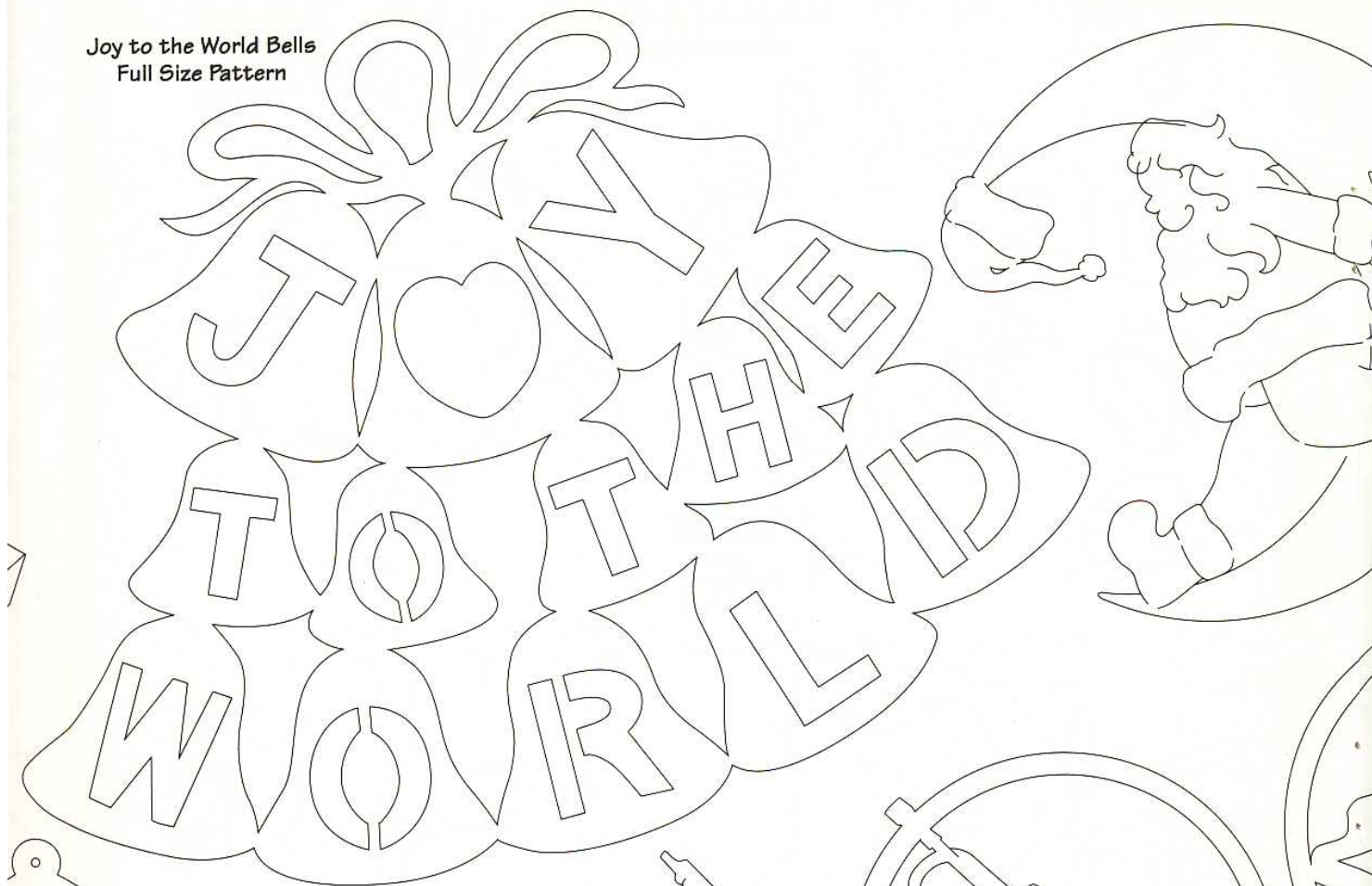
Holiday Traditions Ornaments
Full Size Patterns



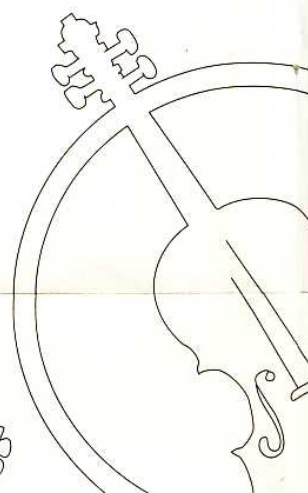
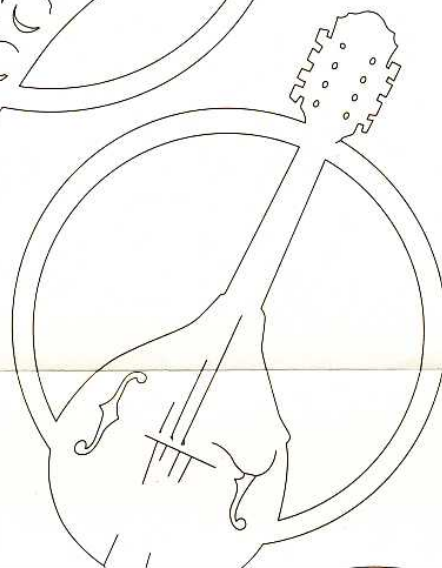
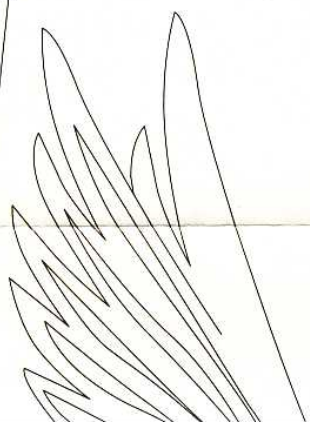


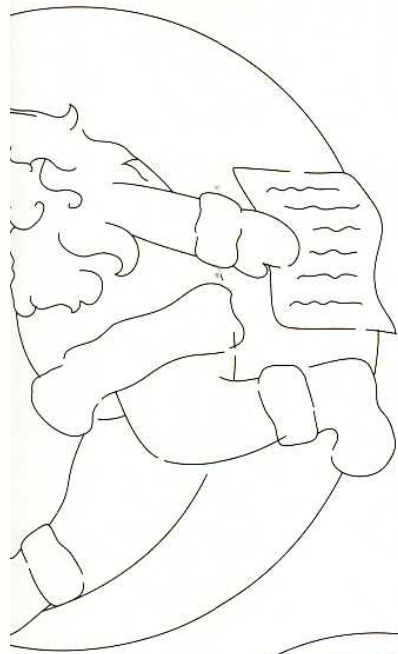
Holiday Buddies
Full Size Patterns

Joy to the World Bells
Full Size Pattern

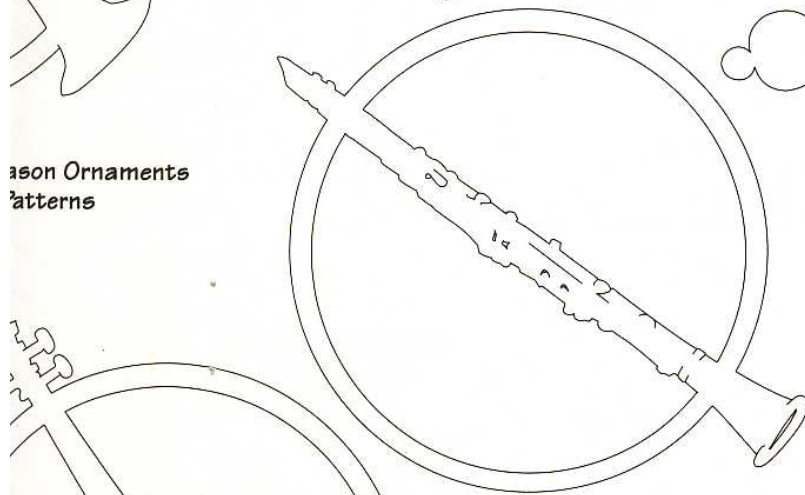
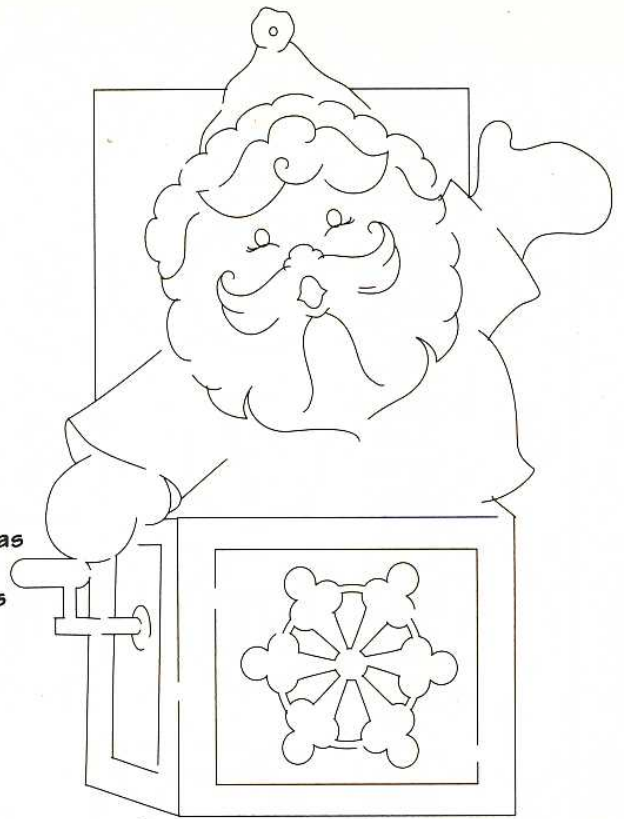


Sounds of the Season Ornaments
Full Size Patterns





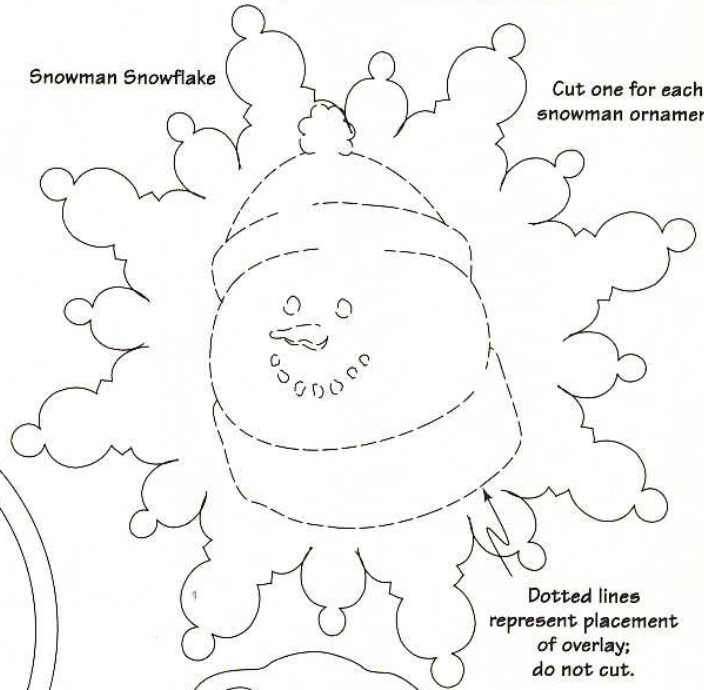
Sights of Christmas
Ornaments
Full Size Patterns



Season Ornaments
Patterns

Snowman Snowflake

Cut one for each
snowman ornament



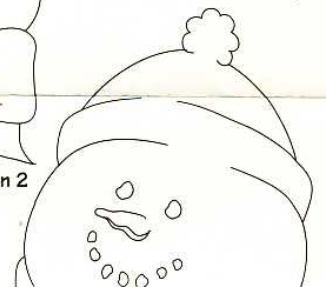
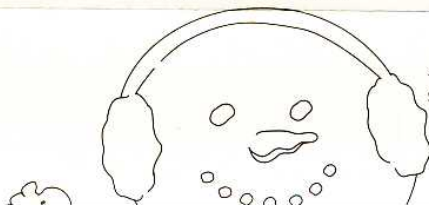
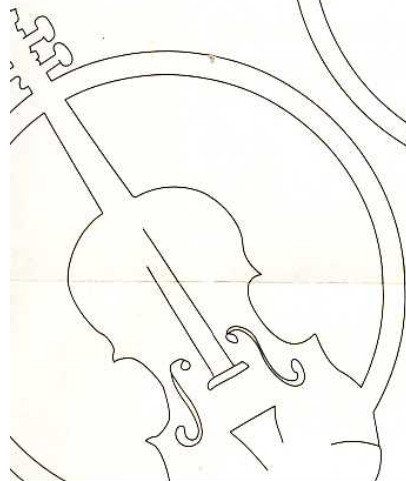
Dotted lines
represent placement
of overlay;
do not cut.

Snowman Overlay Design 1



Snowman Overlay Design 2

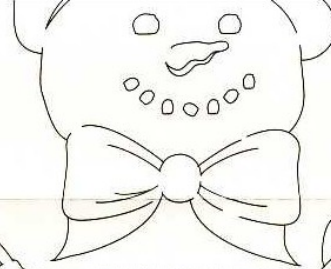
Snowman Overlay Design 3



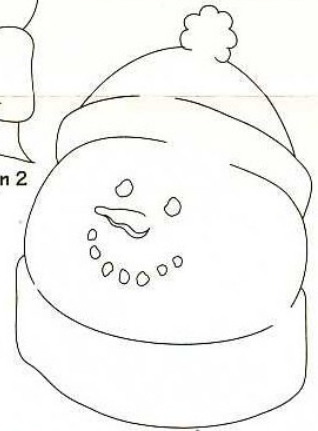
Snowman Overlay Design 1



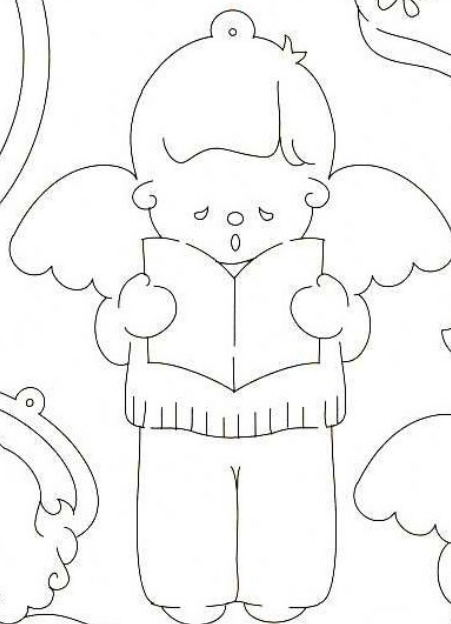
Snowman Overlay Design 2



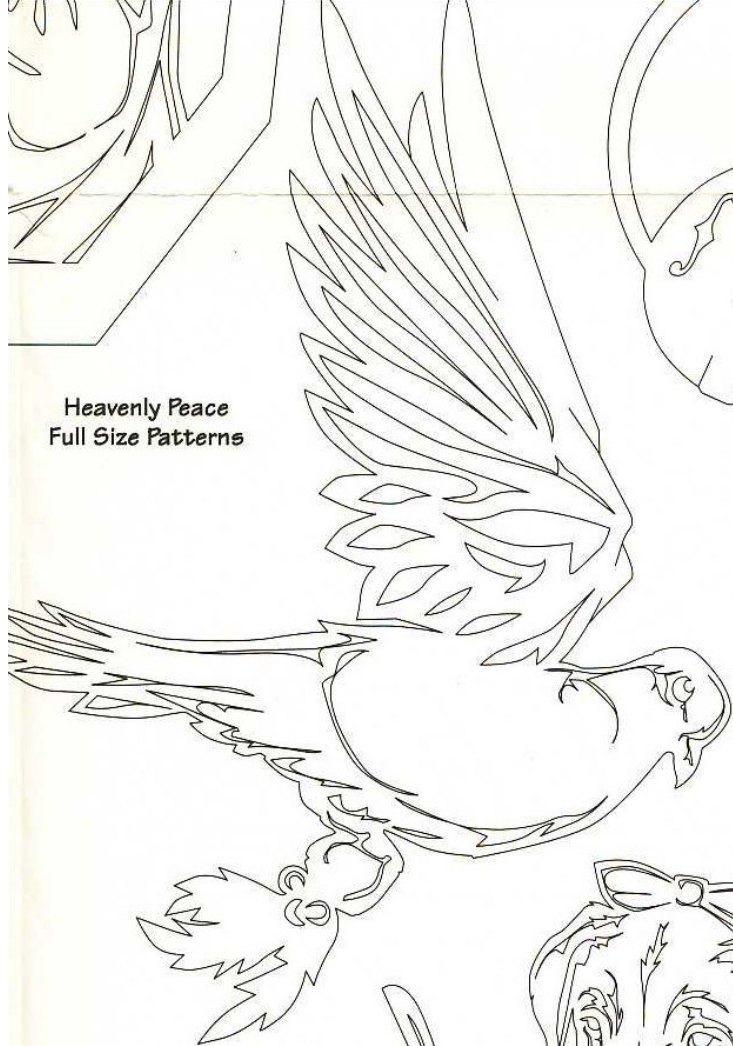
Snowman Overlay Design 3



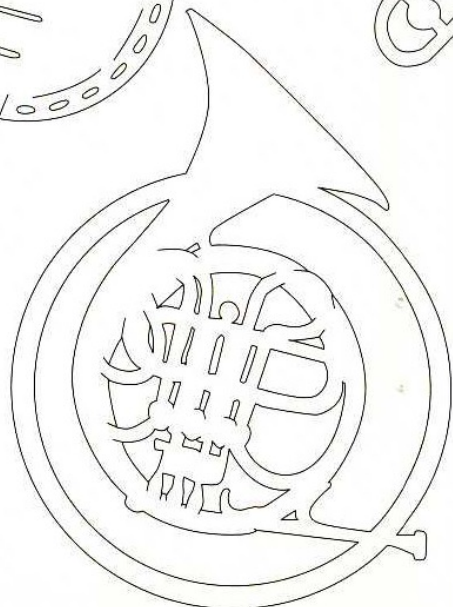
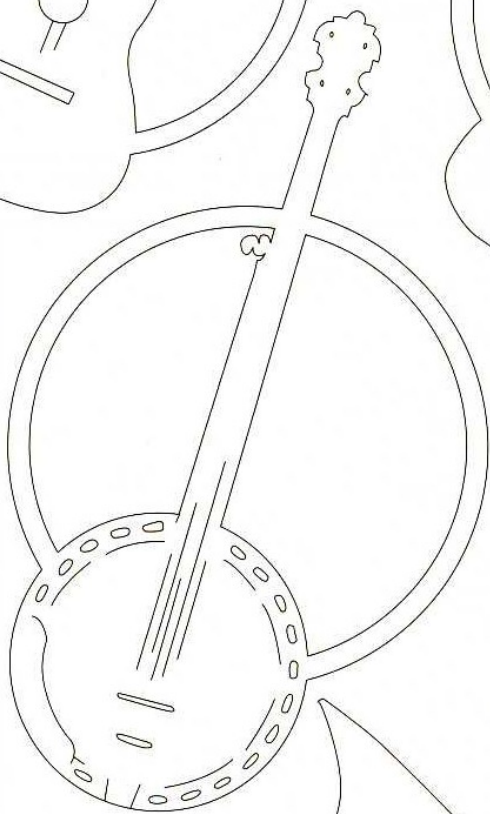
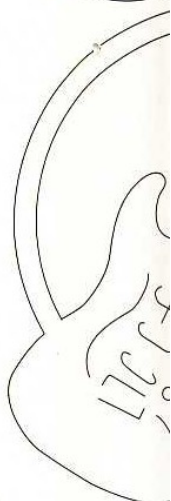
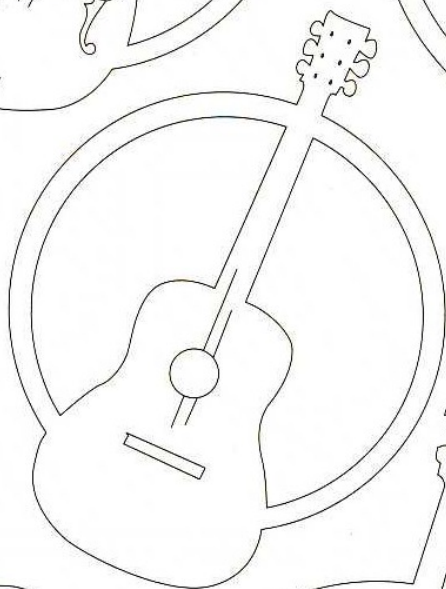
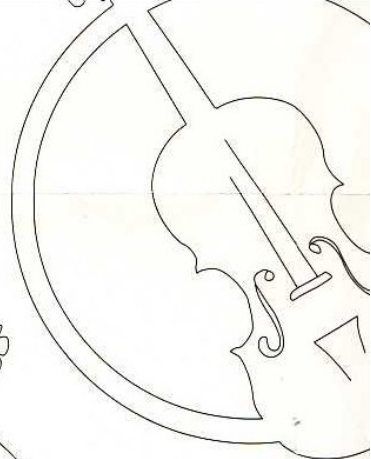
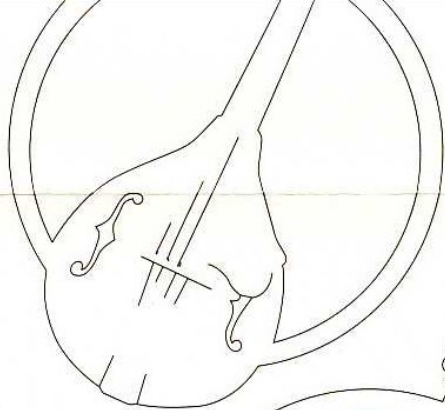
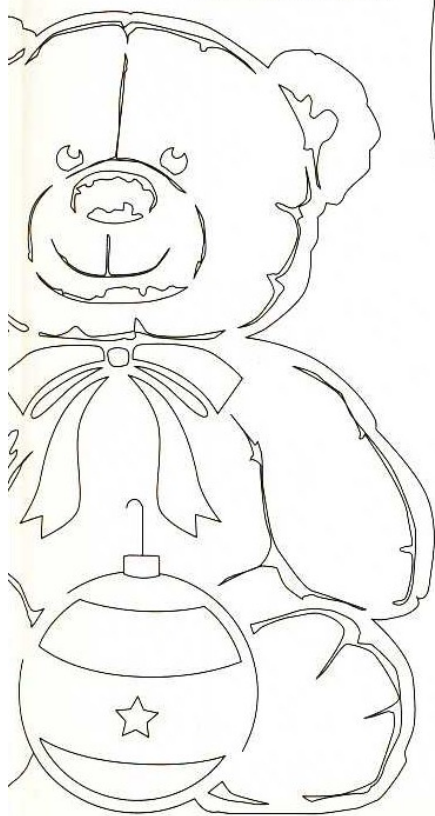
Angelic Choir Ornaments
Full Size Patterns



Heavenly Peace
Full Size Patterns



Presents from Santa
Full Size Patterns



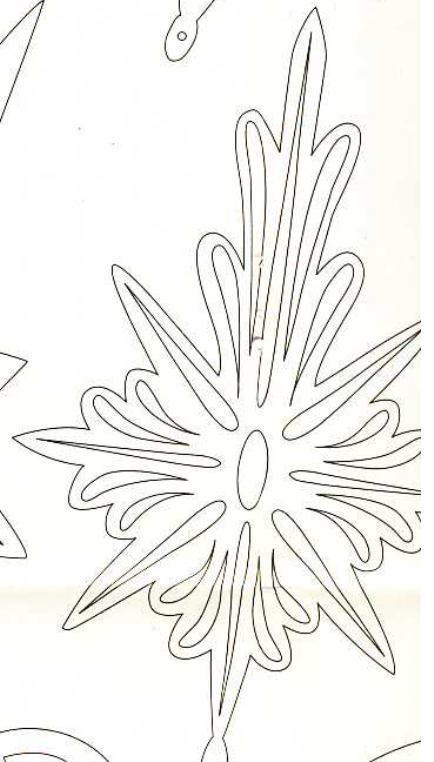
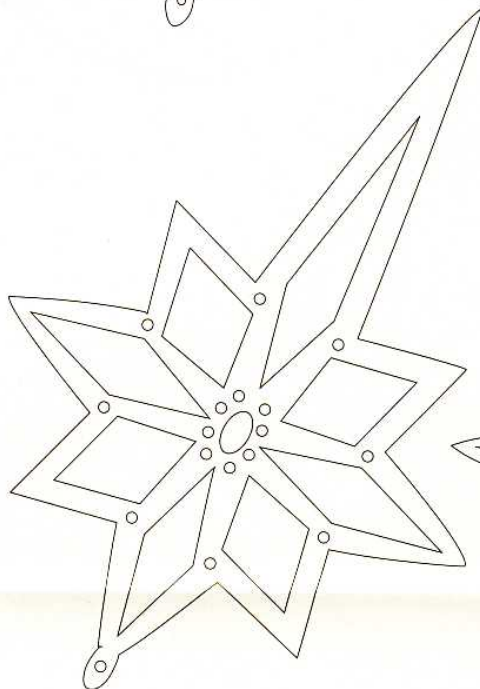
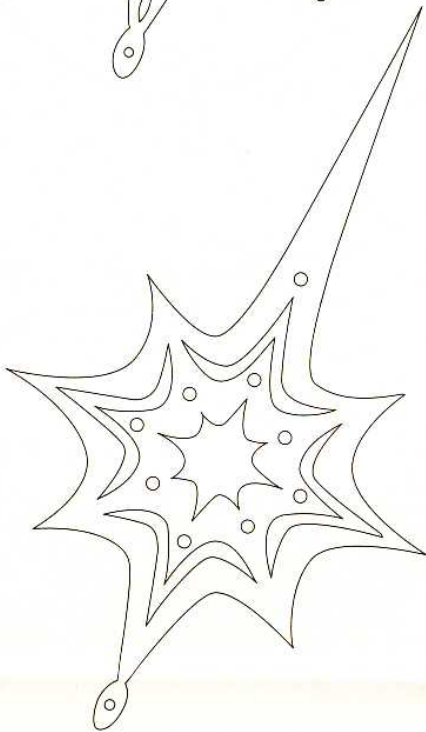
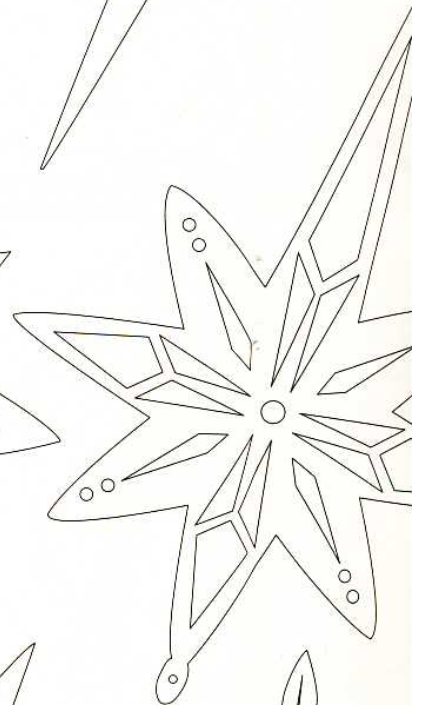
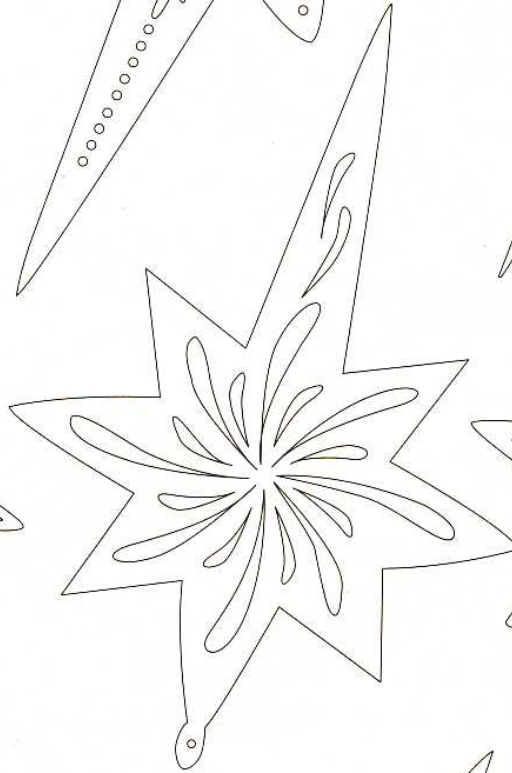
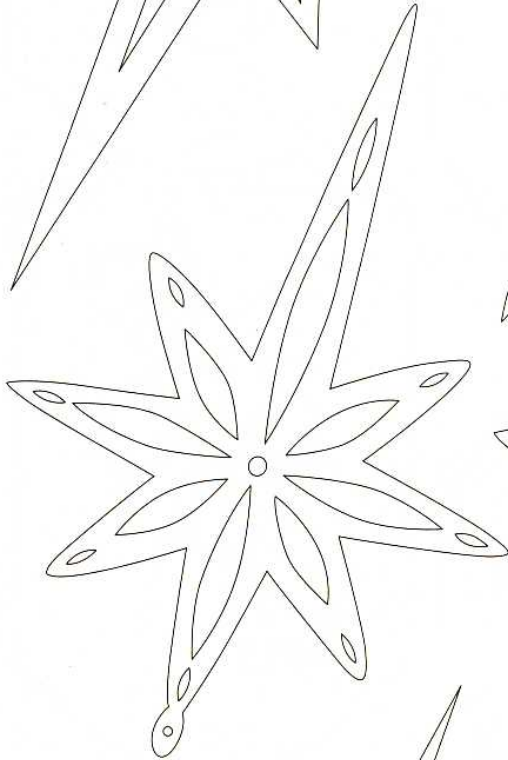
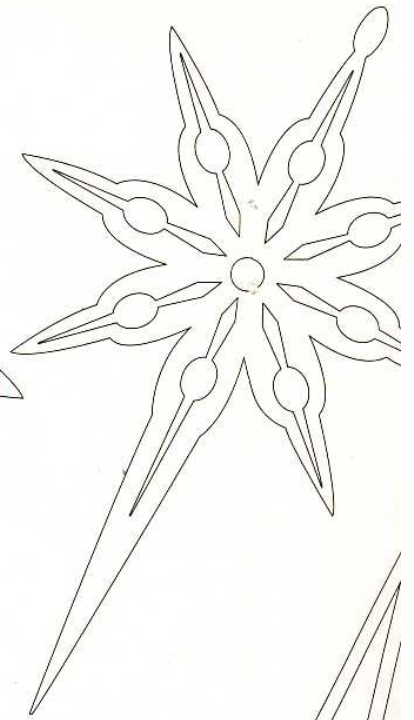
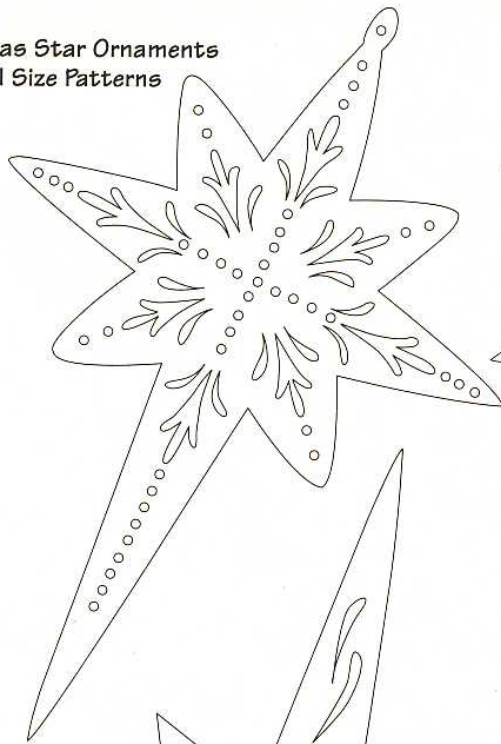
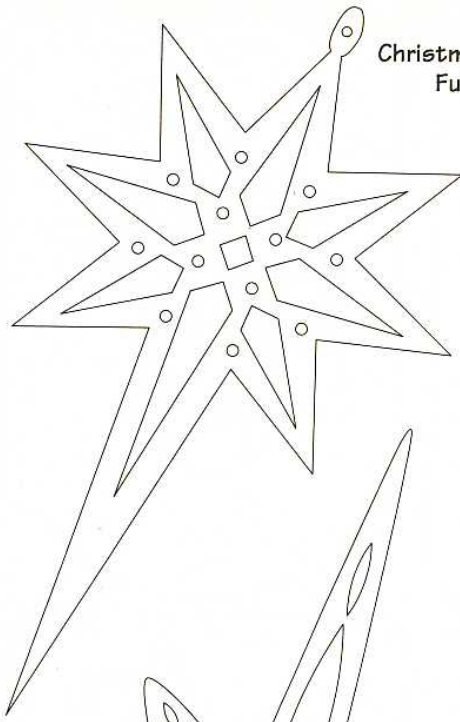
Holiday Buddies
Full Size Patterns

Hea
Full e





Christmas Star Ornaments
Full Size Patterns



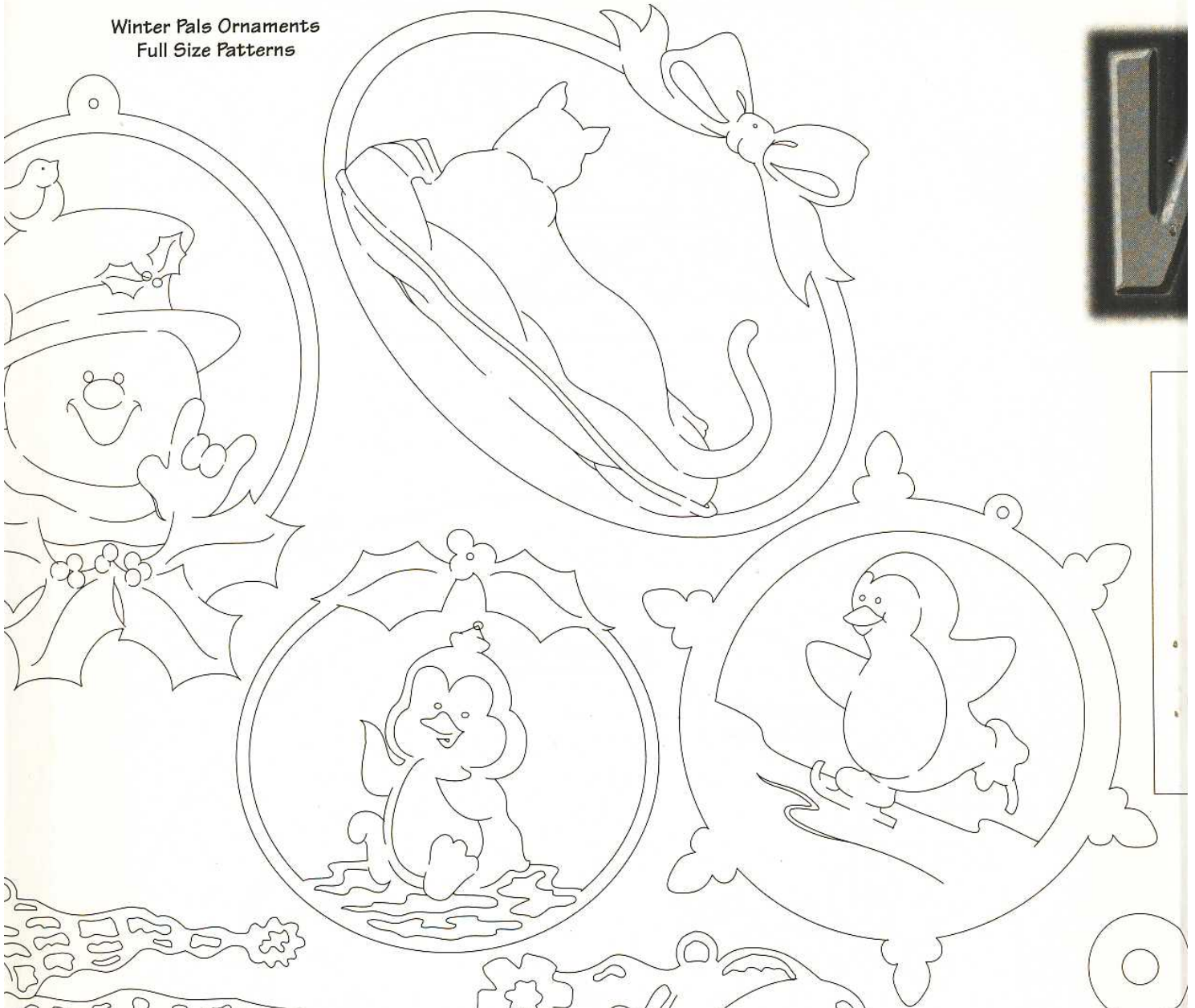
North Pole Penguin Overlay

NORTH POLE

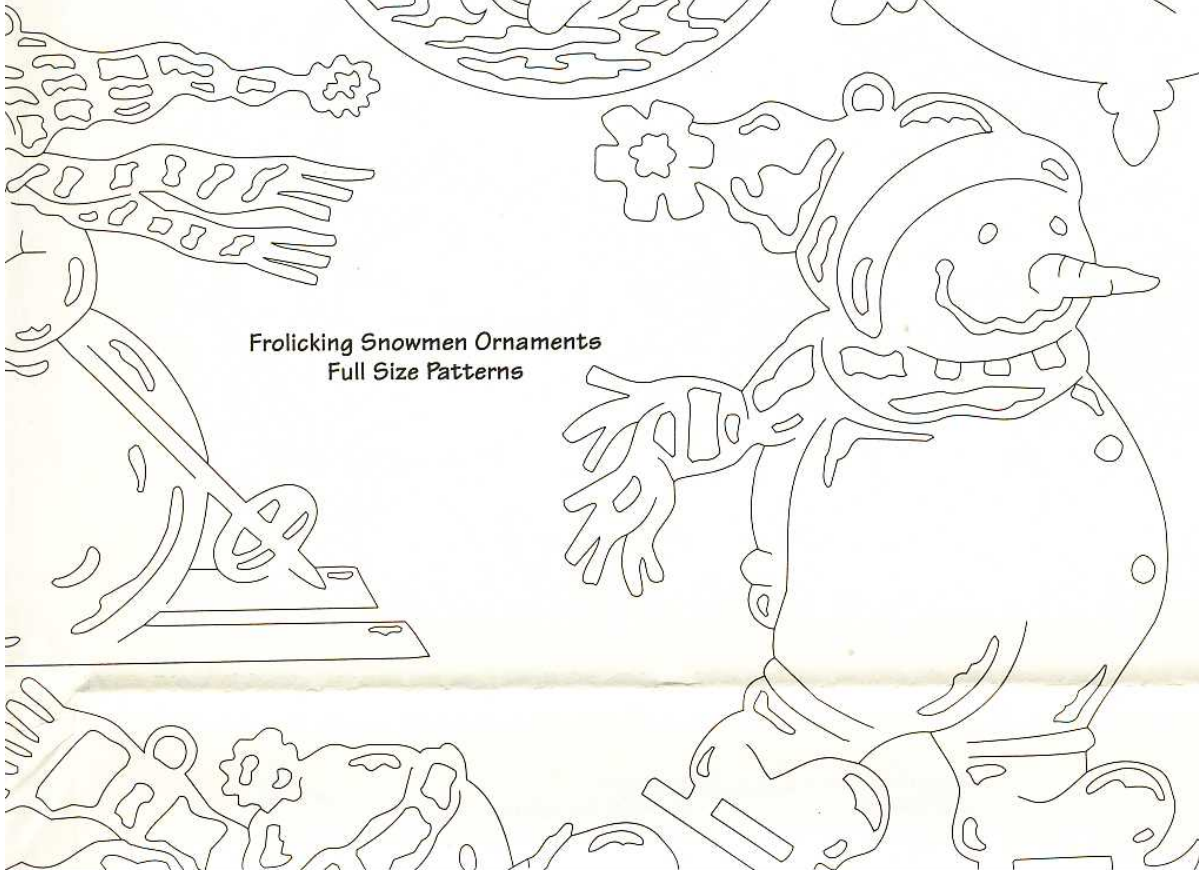
Dotted lines represent
placement of
overlay; do not cut.



Winter Pals Ornaments
Full Size Patterns

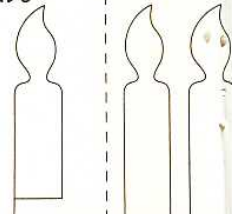


Frolicking Snowmen Ornaments
Full Size Patterns



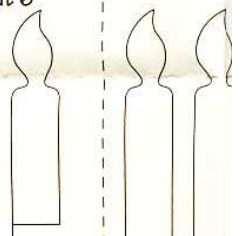
Candlelit Christmas Tree

Small Candle
Cut 9



Candlelit Christmas Tree

Large Candle
Cut 6



CREATIVE Woodworks & CRAFTS

FULL SIZE PATTERN SECTION NO. 2 HOLIDAY 2009

Side A

Candlelit Christmas Tree.....from page 22
 Christmas Star Ornaments.....from page 12
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 Elegant Fretcut Ornaments.....from page 54
 Frolicking Snowmen Ornaments.....from page 34
 Winter Pals Ornaments.....from page 47

Side B

Christmas in the City.....from page 38
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 Gift Tag Ornaments.....from page 44
 Horse-Drawn Sleigh Plaque.....from page 56
 Snowman Clock.....from page 48

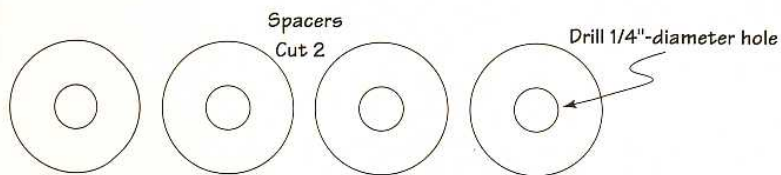
Metric Conversions:

1 inch = 25.4mm = 2.54cm = 0.0254m

Common Measurements:

1/16" = 1.59mm	5" = 12.70cm
1/8" = 3.18mm	6" = 15.24cm
1/4" = 6.35mm	7" = 17.78cm
3/8" = 9.53mm	8" = 20.32cm
1/2" = 1.27cm	9" = 22.86cm
5/8" = 1.59cm	10" = 25.40cm
3/4" = 1.91cm	11" = 27.94cm
7/8" = 2.22cm	12" = 30.48cm
1" = 2.54cm	24" = 60.96cm
2" = 5.08cm	36" = 91.44cm
3" = 7.62cm	45" = 1.14m
4" = 10.16cm	60" = 1.52m

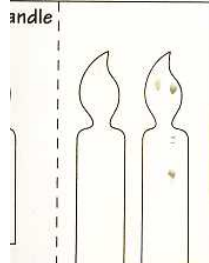
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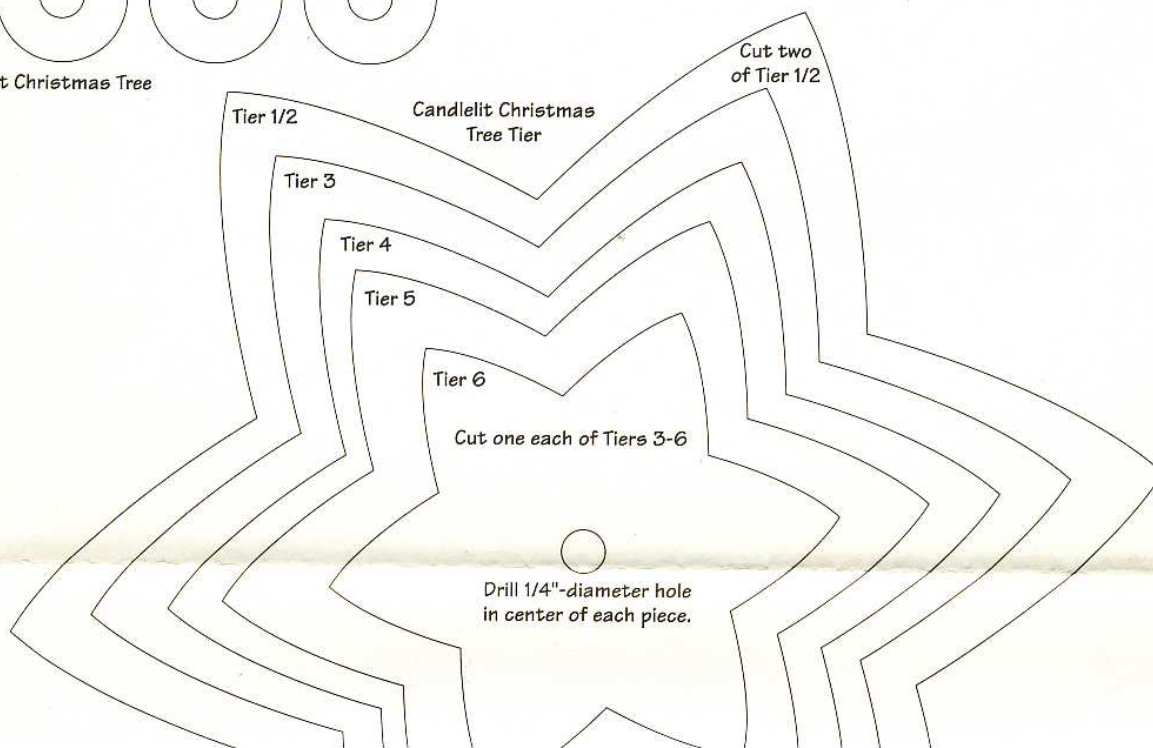
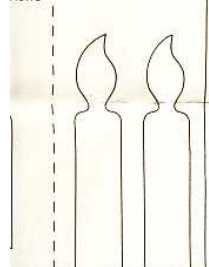
Candlelit Christmas Tree

Candlelit Christmas Tree
Full Size Patterns

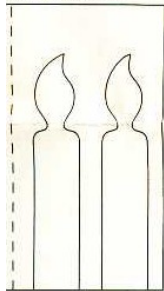
Candlelit Christmas Tree



Candlelit Christmas Tree



Christmas Tree



Cut one each of Tiers 3-6

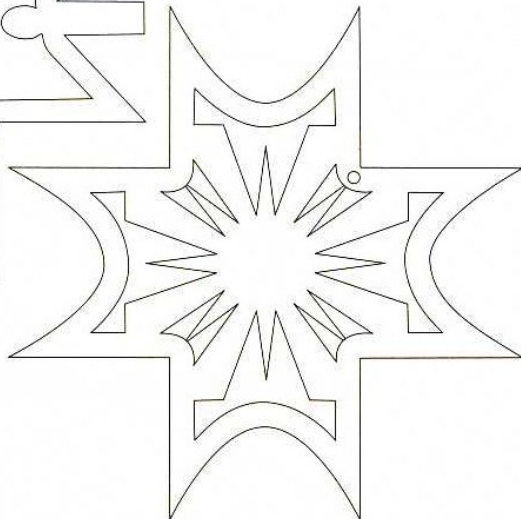
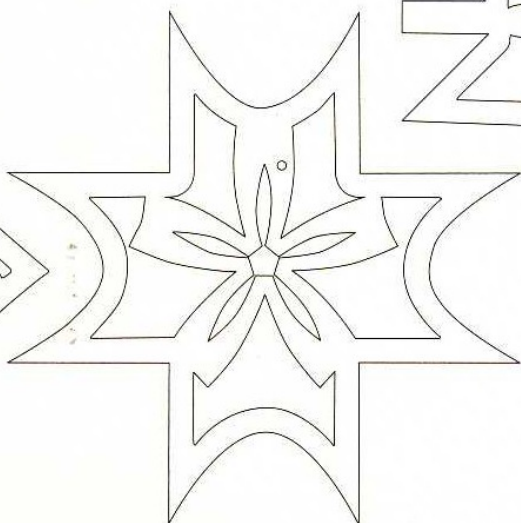
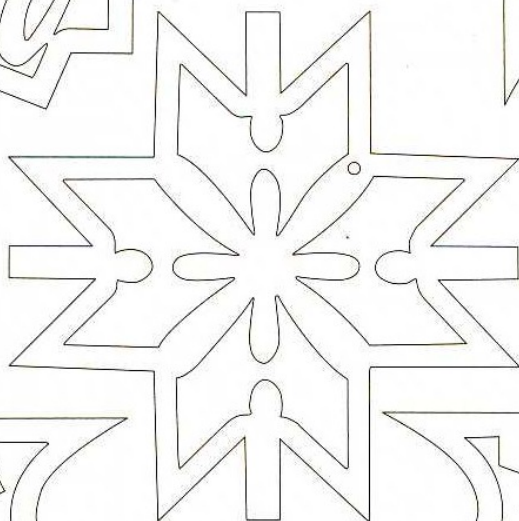
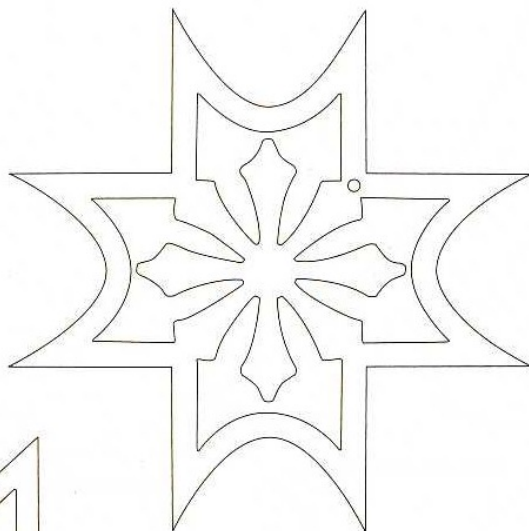
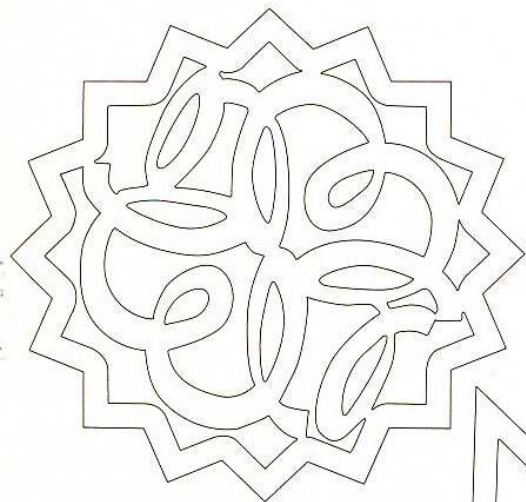
Drill 1/4"-diameter hole
in center of each piece.

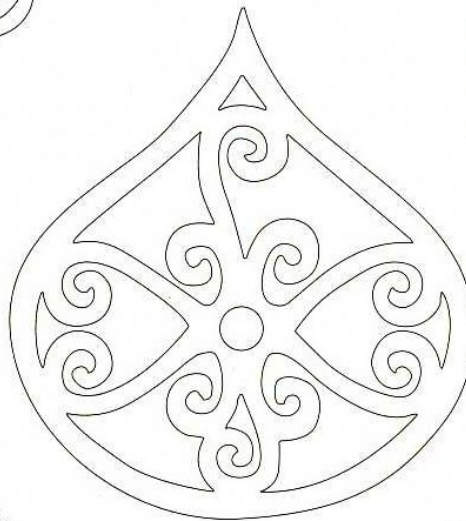
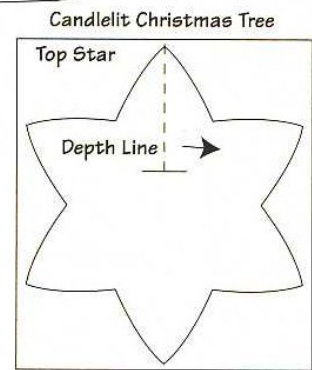
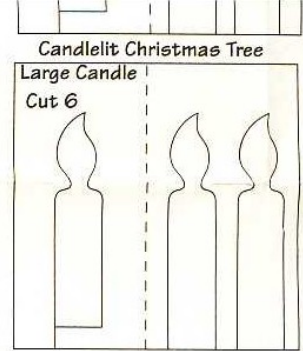
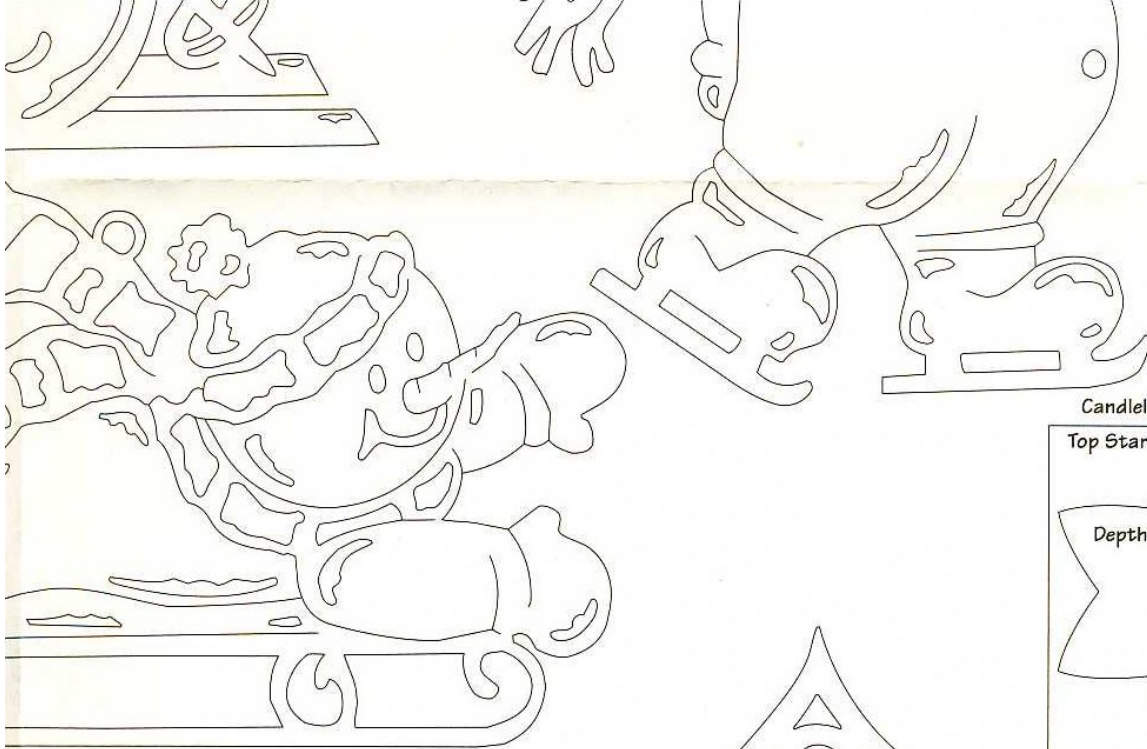
Candlelit Christmas Tree

Base
Cut at 6° angle

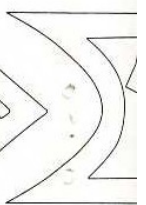
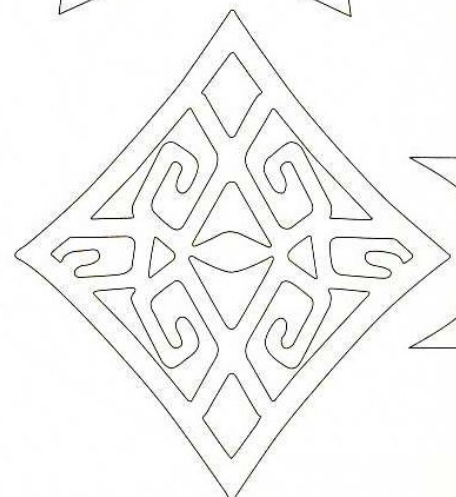
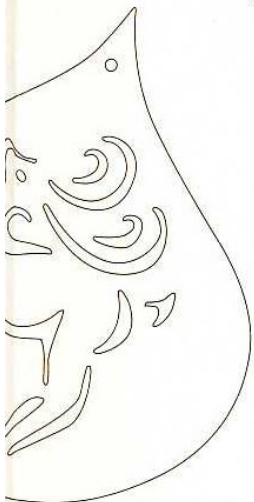
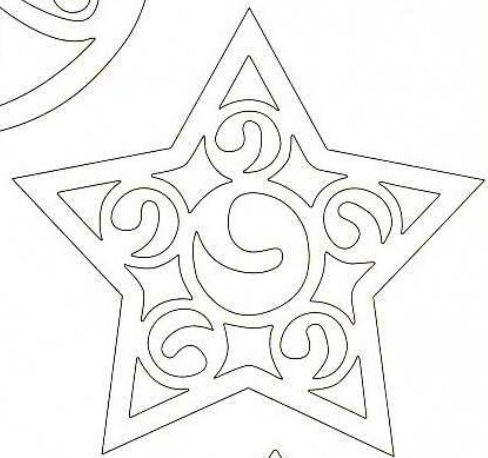
Drill 1/4"-diameter
hole 3/4" deep

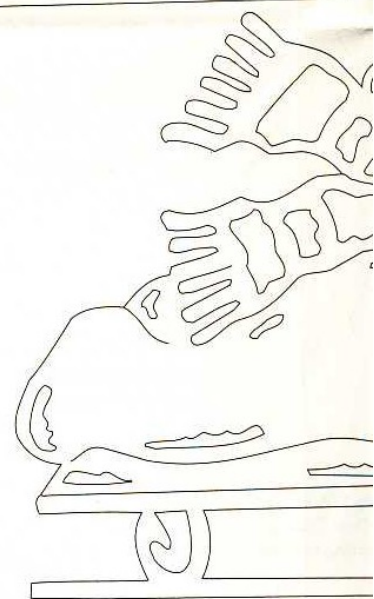
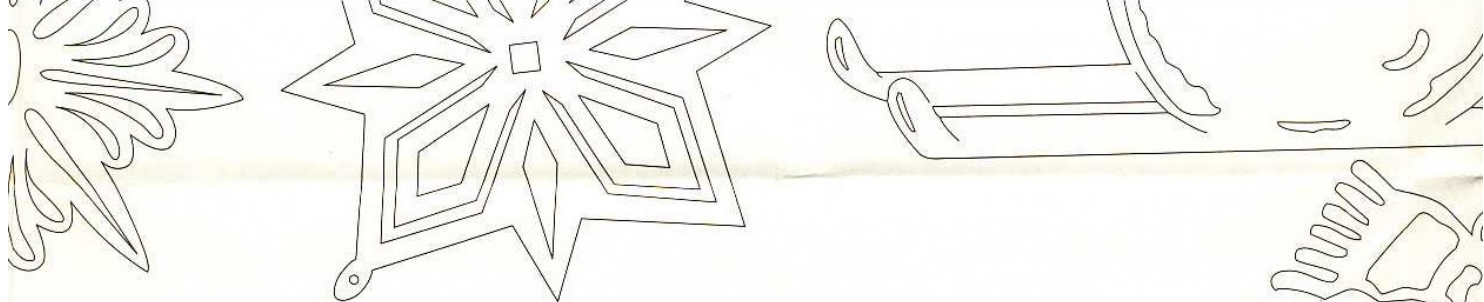
Ornaments
terns



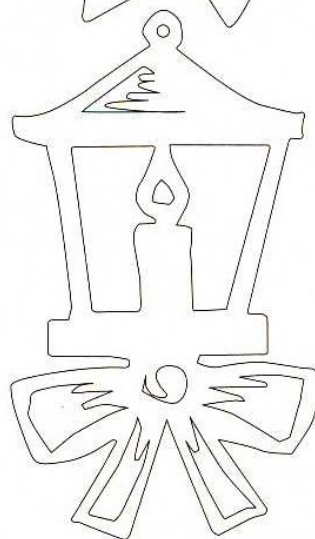
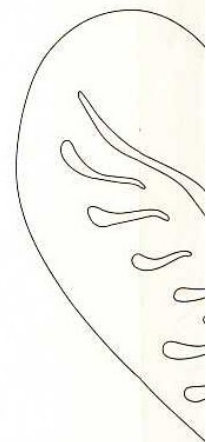
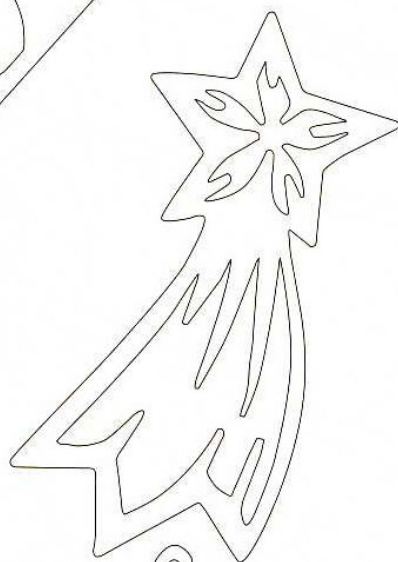
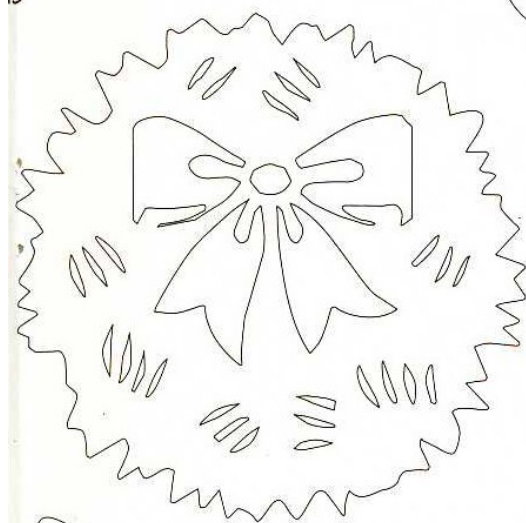


Elegant Fretcut Ornaments
Full Size Patterns





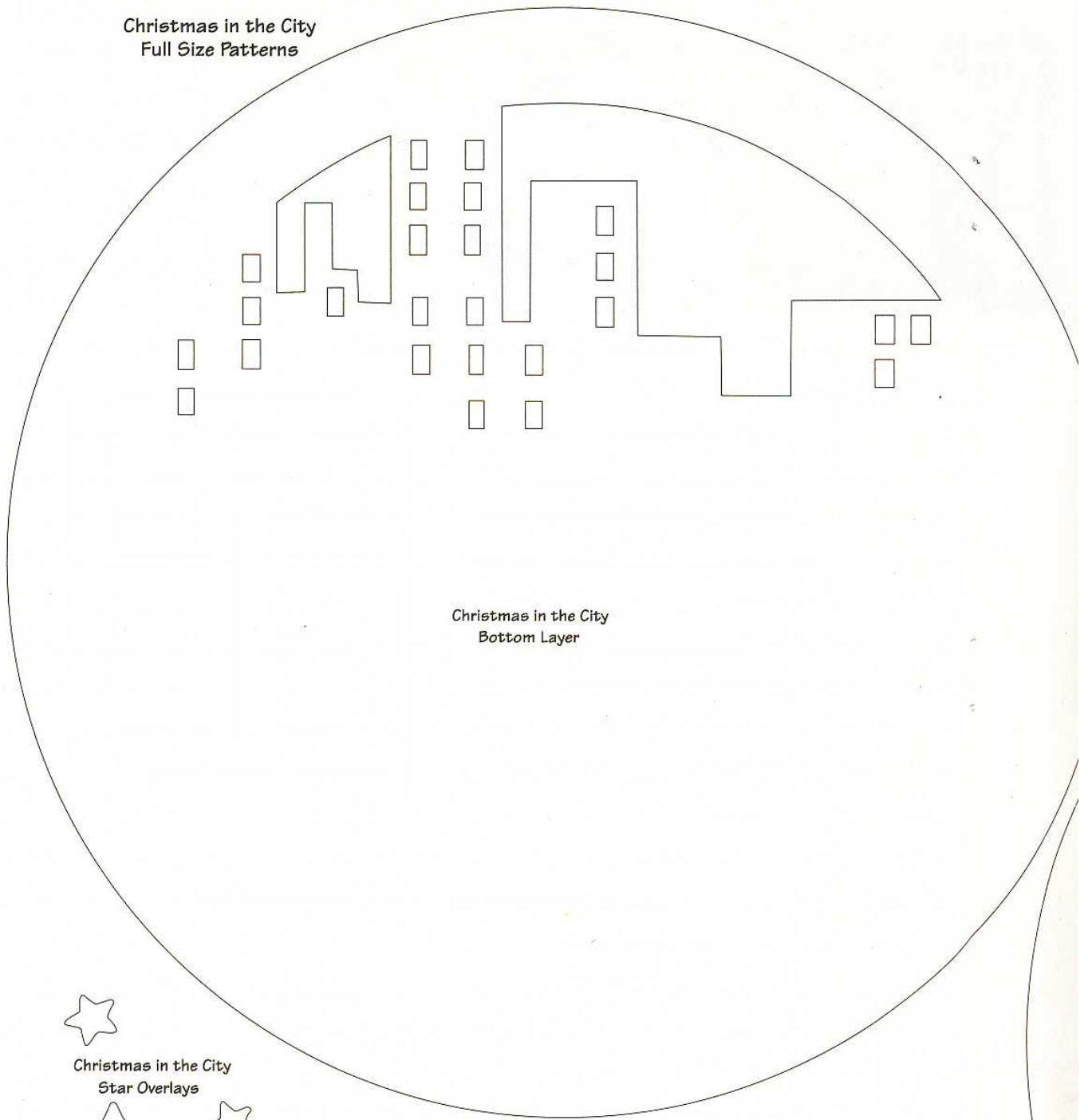
naments
15



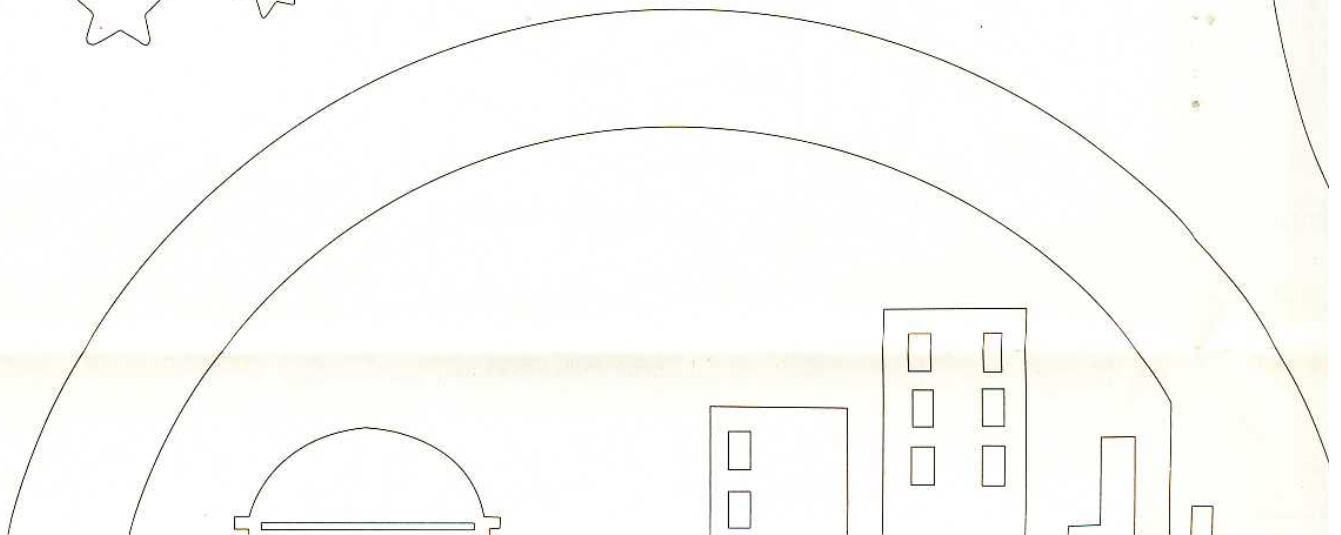


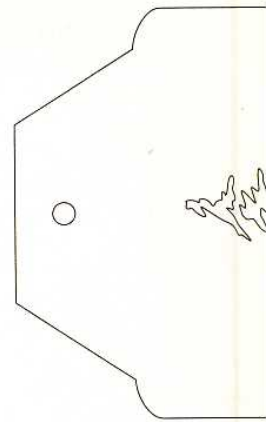
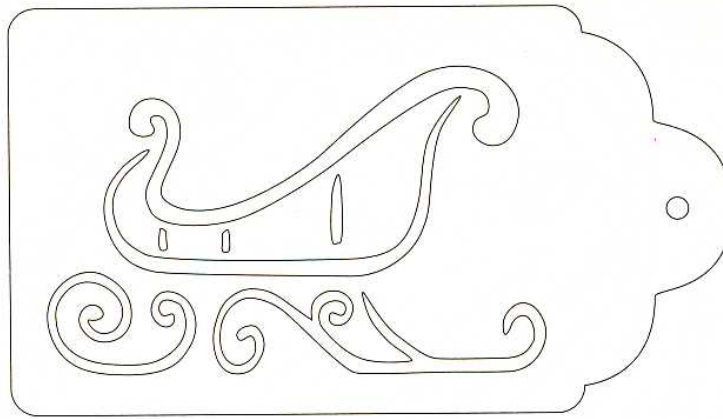
Colorful Christmas Ornaments
Full Size Patterns

Christmas in the City
Full Size Patterns



Christmas in the City
Star Overlays





Cut along perimeter
only for Base

Christmas in the City
Top Layer/Base/Frame

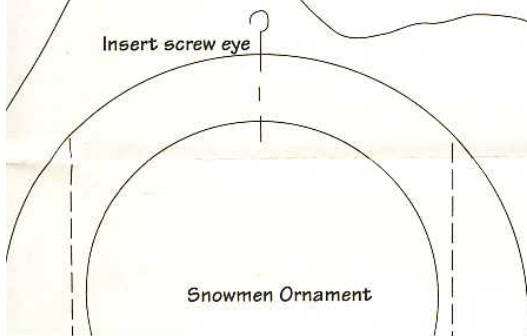
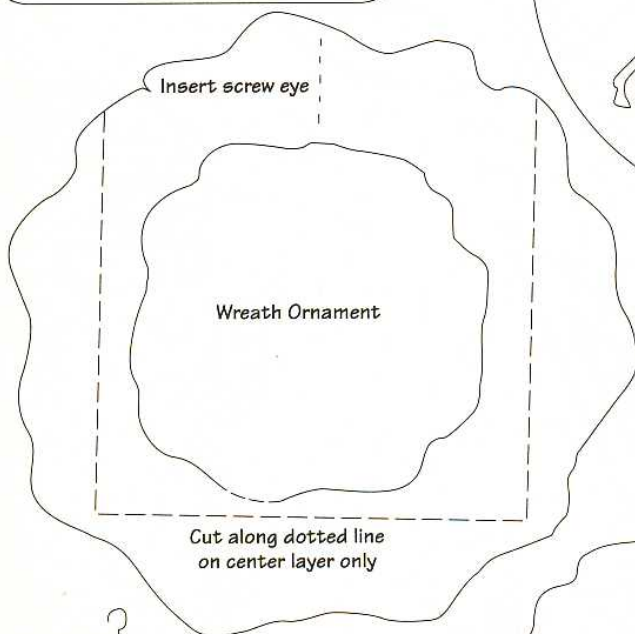
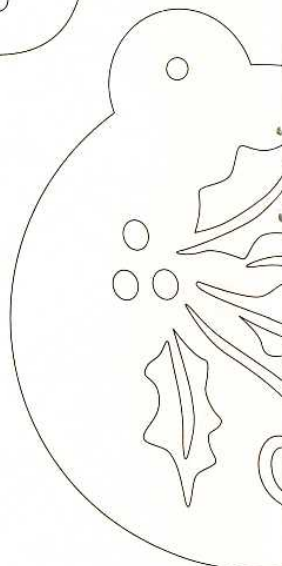
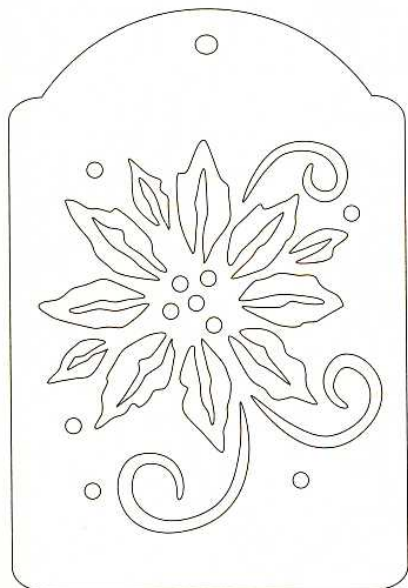
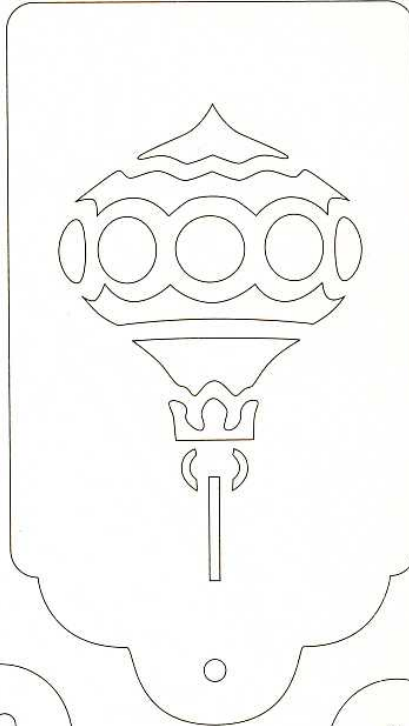
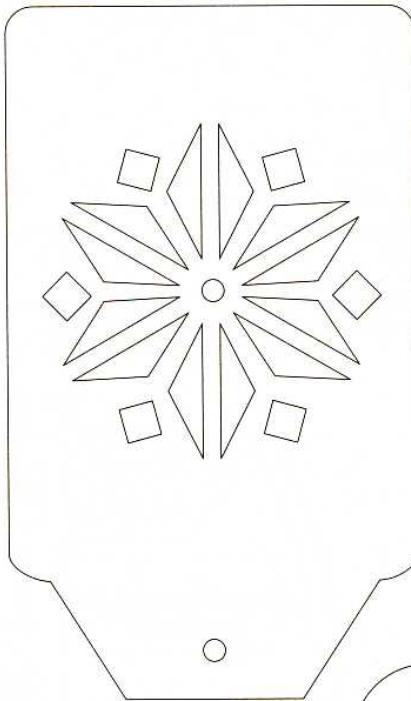
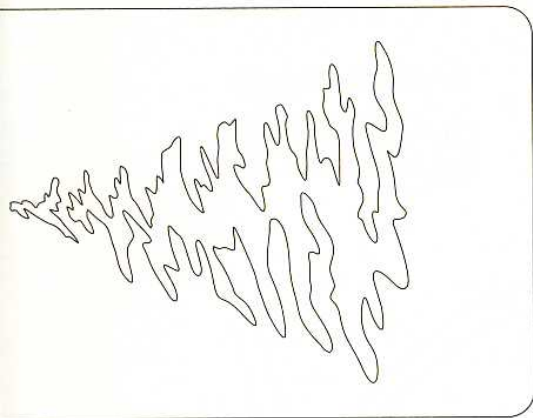
Make all solid line
cuts for Top Layer



Do not cut along dotted
lines for Top Layer.

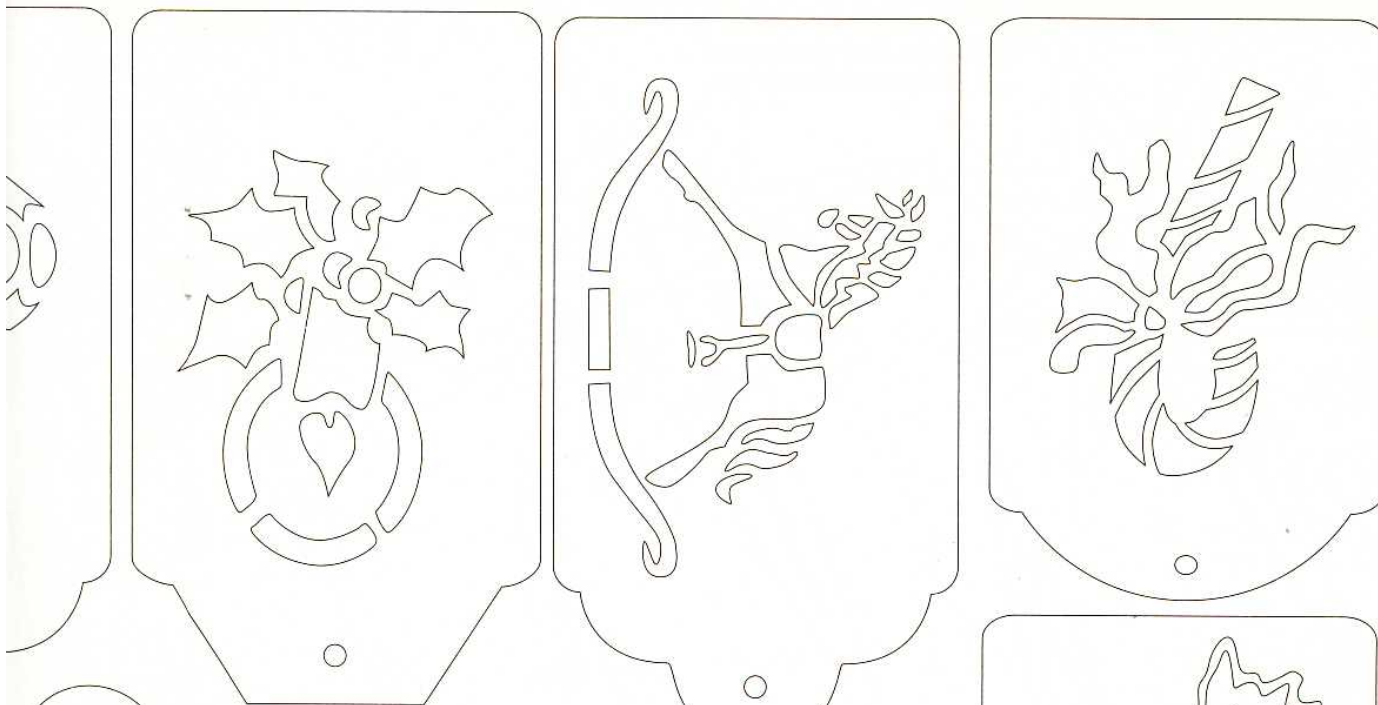
Cut along
perimeter and
inner circle
for Frame

Cut along dotted line to
complete cutting for Frame.

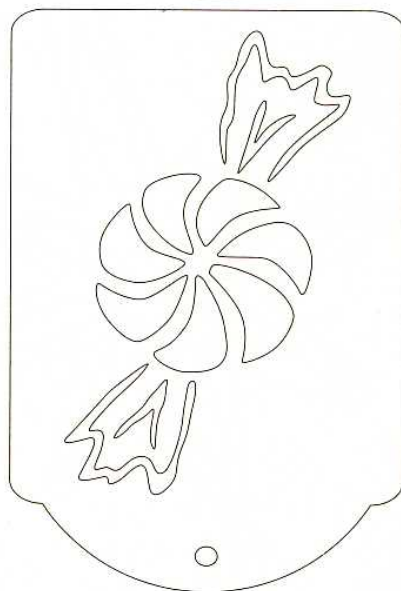


Snowman Ornament Overlay

Cut along perimeter only; all other lines are for

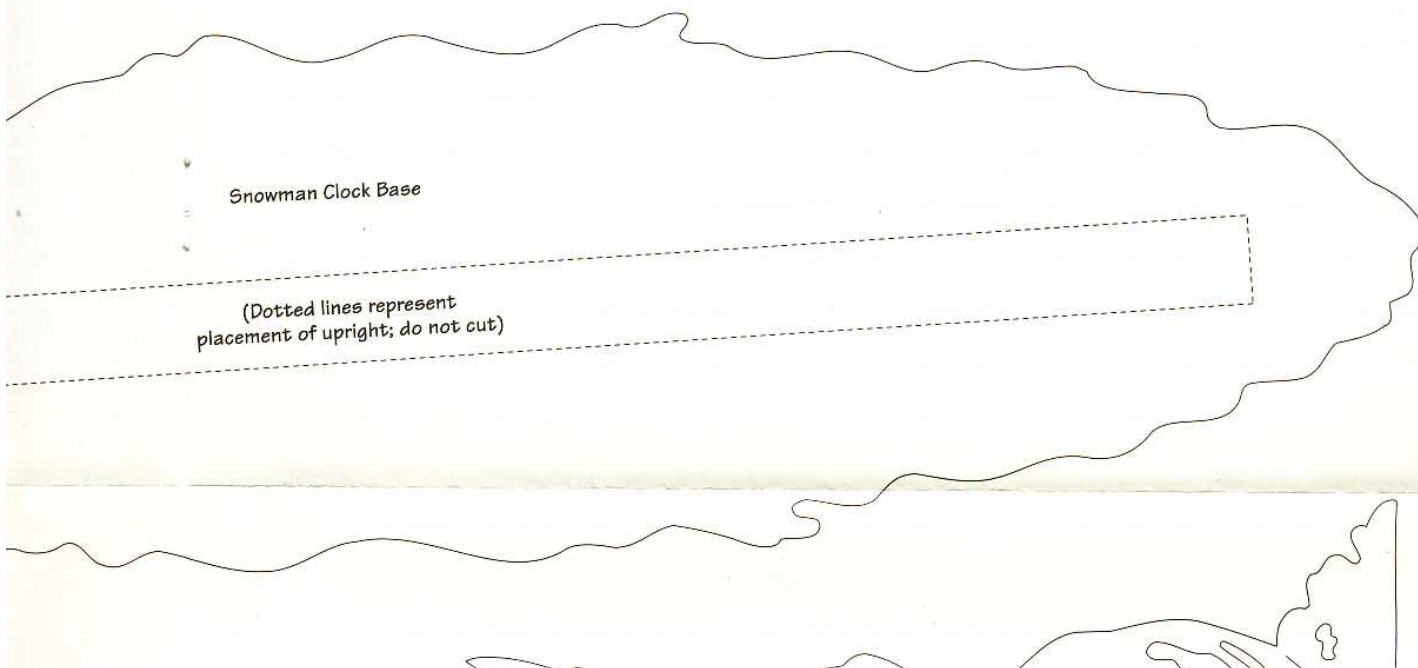


Gift Tag Ornaments
Full Size Patterns

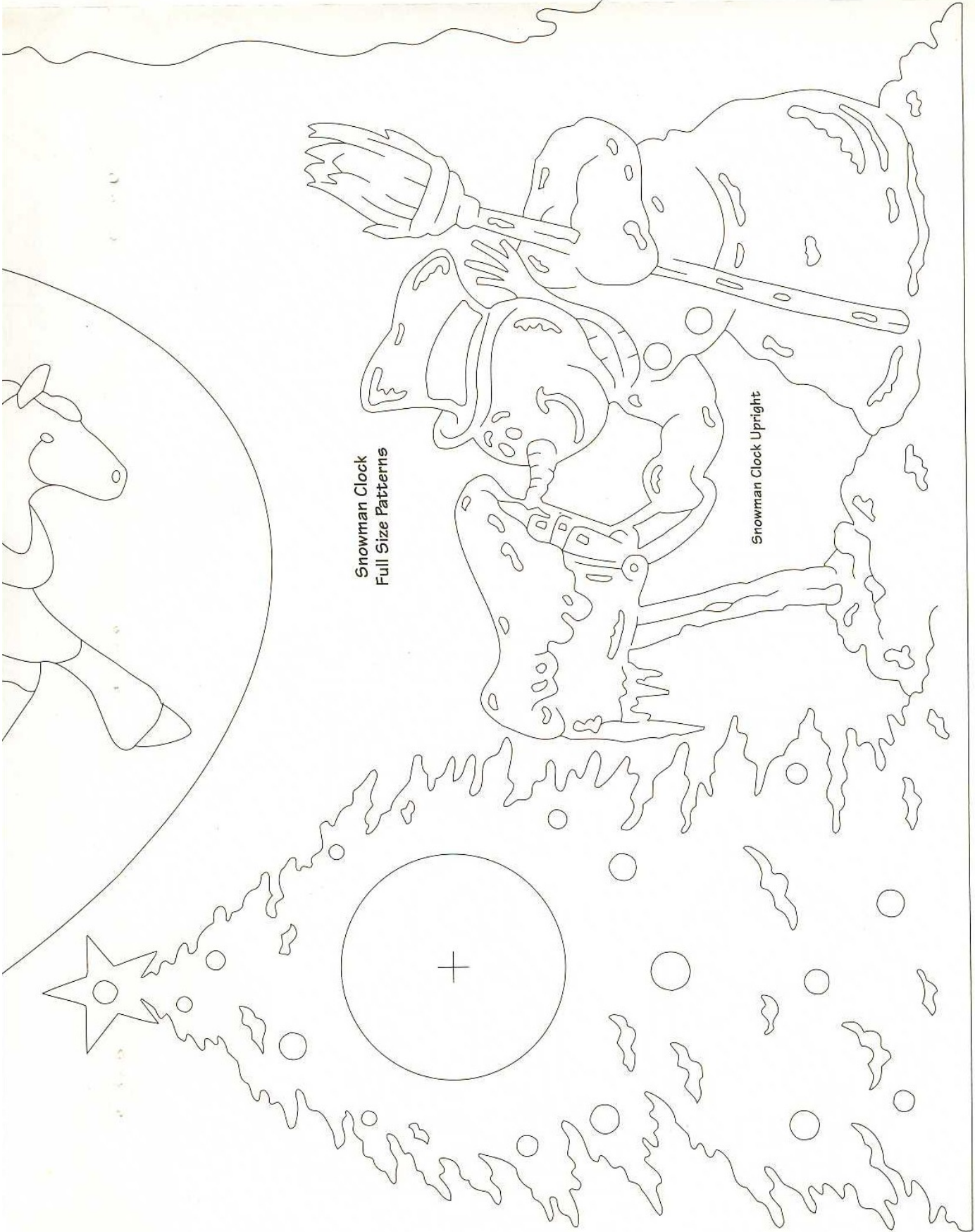


Snowman Clock Base

(Dotted lines represent
placement of upright; do not cut)



(Dotted lines represent
placement of upright; do not cut)



Snowman Clock
Full Size Patterns

Snowman Clock Upright

Insert screw eye

Snowmen Ornament

Cut along dotted line
on center layer only

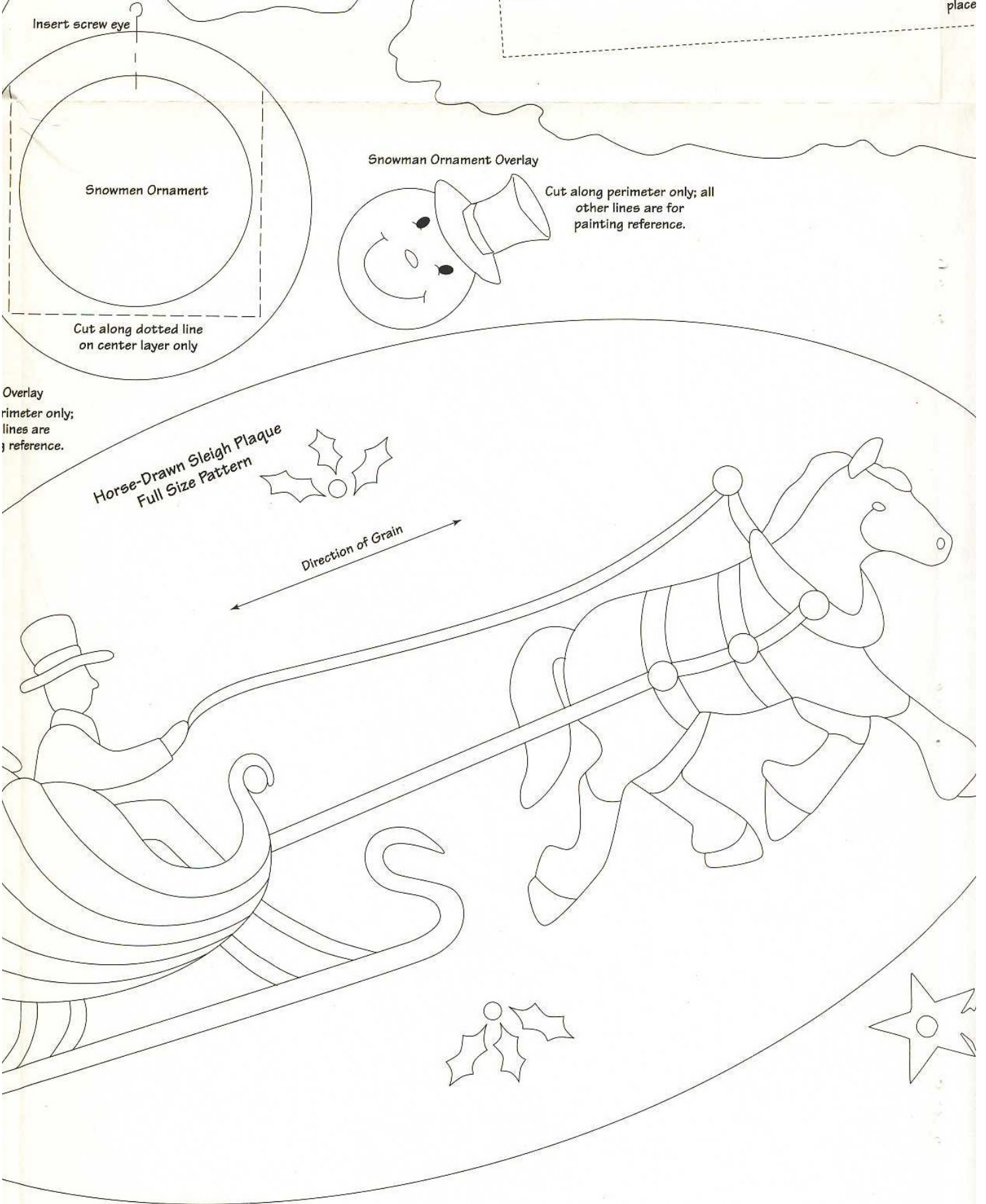
Snowman Ornament Overlay

Cut along perimeter only; all
other lines are for
painting reference.

Overlay
rimeter only;
lines are
reference.

Horse-Drawn Sleigh Plaque
Full Size Pattern

Direction of Grain



Insert screw eye

Do not cut along dotted lines for Top Layer.

Cut along perimeter and inner circle for Frame

Cut along dotted line to complete cutting for Frame.

Insert screw eye

Cut along dotted line on center layer only

Candy Cane Ornament

Candy Cane Ornament Overlay

Candy Cane Ornament Bow Overlay

Snowman Ornament Overlay

Cut along perimeter only; all other lines are for painting reference.

Family Photo Ornaments Full Size Patterns

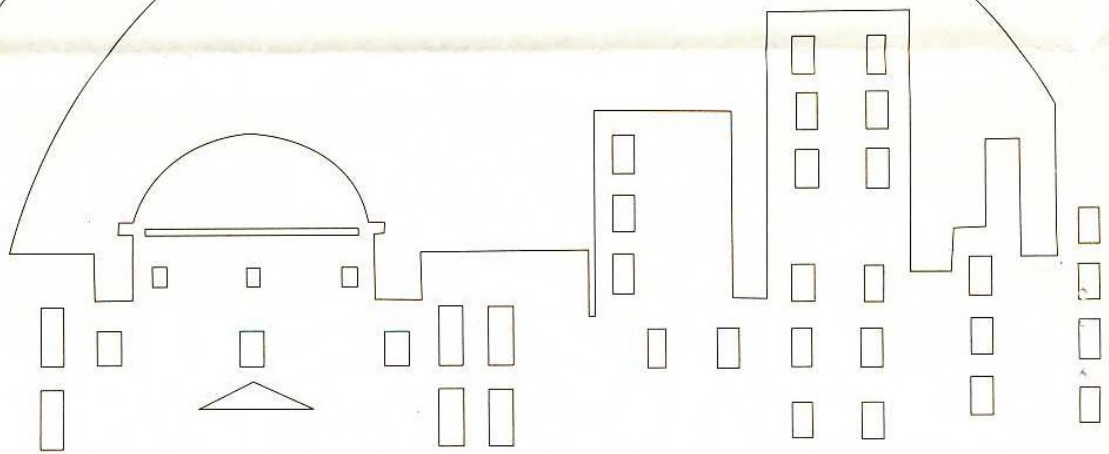
Insert screw eye

Rotate Bottom layer when assembling ornament

Poinsettia Ornament

Cut along dotted line on center layer only

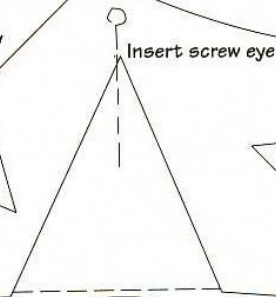
imeter only; all other
painting reference.



Christmas in the City
Middle Layer



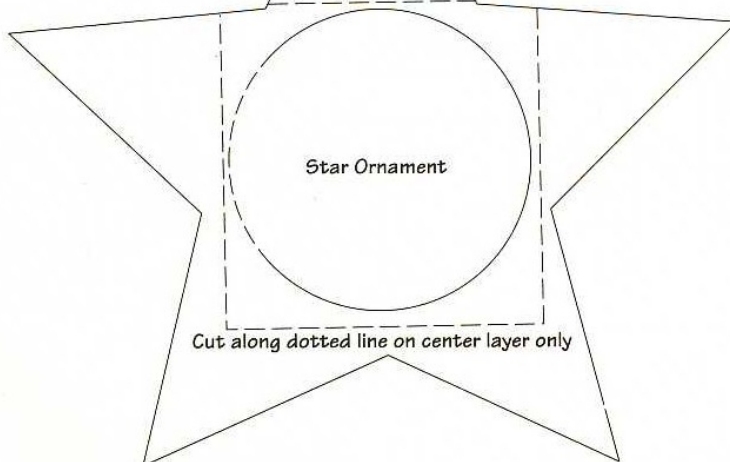
Star Ornament Overlay



Insert screw eye

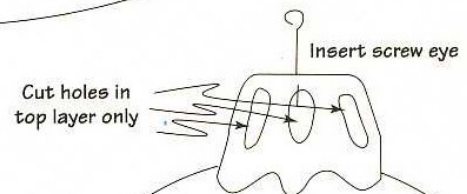


Star Ornament Overlay



Star Ornament

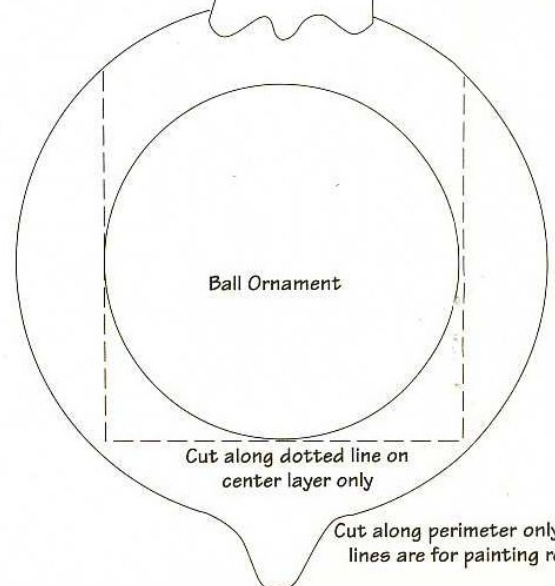
Cut along dotted line on center layer only



Insert screw eye

Cut holes in
top layer only

Rotate Bot
when assembli



Ball Ornament

Cut along dotted line on
center layer only

Cut along perimeter only; all ot
lines are for painting referenc