

PhxMQG Lotto Block for December 2021

Light Bulb Block

Unfinished: 6 1/2" Finished 6"

For our lotto block:

You can use any of the following techniques to create the block:

1. Pieced pages 2-3
2. Paper Pieced pages 4-6 and 11
3. Raw Edge Applique pages 7 and 12
4. Stitch and Sew Applique pages 7-8 and 12
5. Hand Applique pages 9 and 12

If you print these directions, you may only wish to print just the pages you need.

Remember that for every 5 blocks that you make you get an extra chance to win all the blocks.

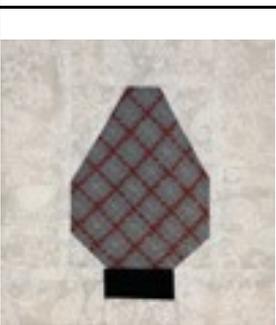
If you make one of each type of block you will receive an additional chance for trying all the techniques. That's 7 chances for 5 blocks!!!!!!

Fabric Choices: (amount of fabric needed varies with the technique)

Any type of fabric for the bulb—it should contrast well with the background (maximum: 4½" x 5½")

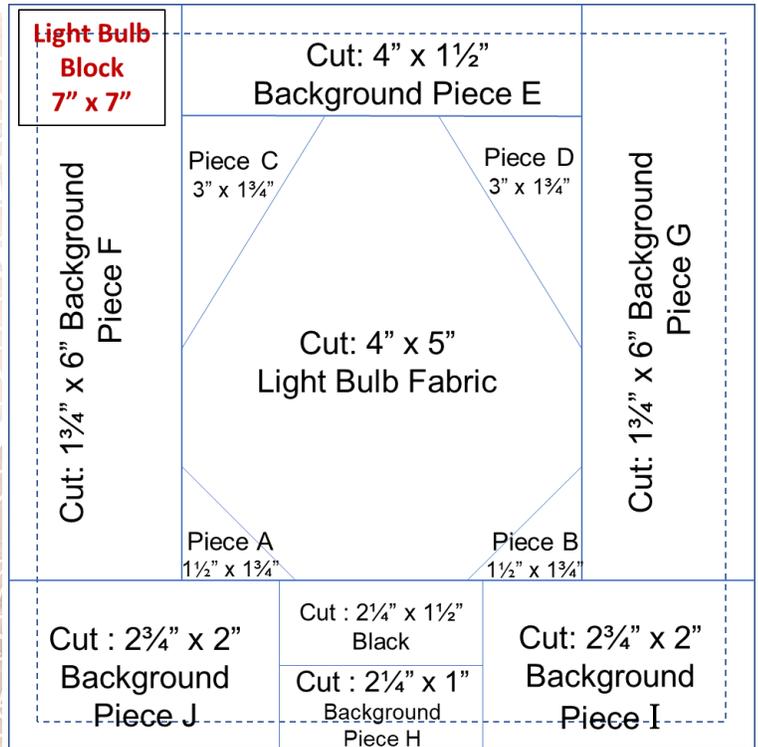
Black or black-on-black print for the bulb base (maximum: 1¾" x 2¾")

White, or white-on-white print for the Background (maximum: 10" x 10" square)

Pieced	Paper Pieced	Raw Edge Applique	Stitch and Fuse Applique	Hand Applique
				
				

Piecing Directions:

These directions result in a 7"x7" block that the winner can trim to the final size



Fabric:

Any type of fabric for the bulb—it should contrast well with the background Black or black-on-black print for the bulb base White, or white-on-white print for the Background (maximum: 10" x 10" square)

Cutting:

4" x 5" Light Bulb Fabric
 1 1/4" x 2 1/4" Light Bulb Base (Black)

From background fabric (white or white-on-white fabric)

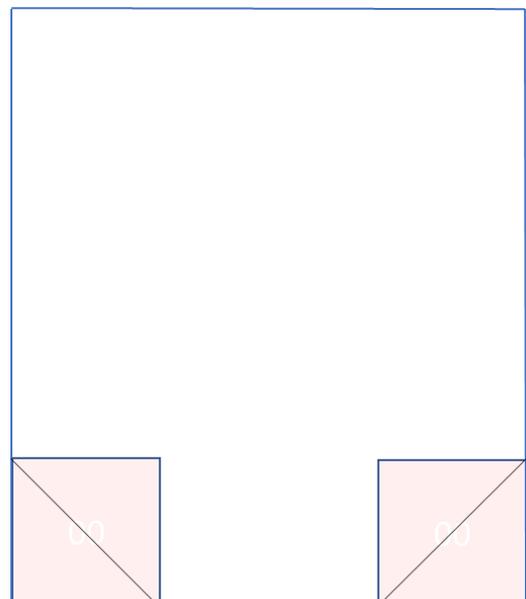
A, B 2: 1 1/2" x 1 1/2"
 C, D 2: 3" x 1 3/4"
 E 1: 4" x 1 1/2"
 F, G 2: 2" x 6"
 H: 1: 1" x 2 1/4"
 I, J 2: 1 3/4" x 3"

Construction:

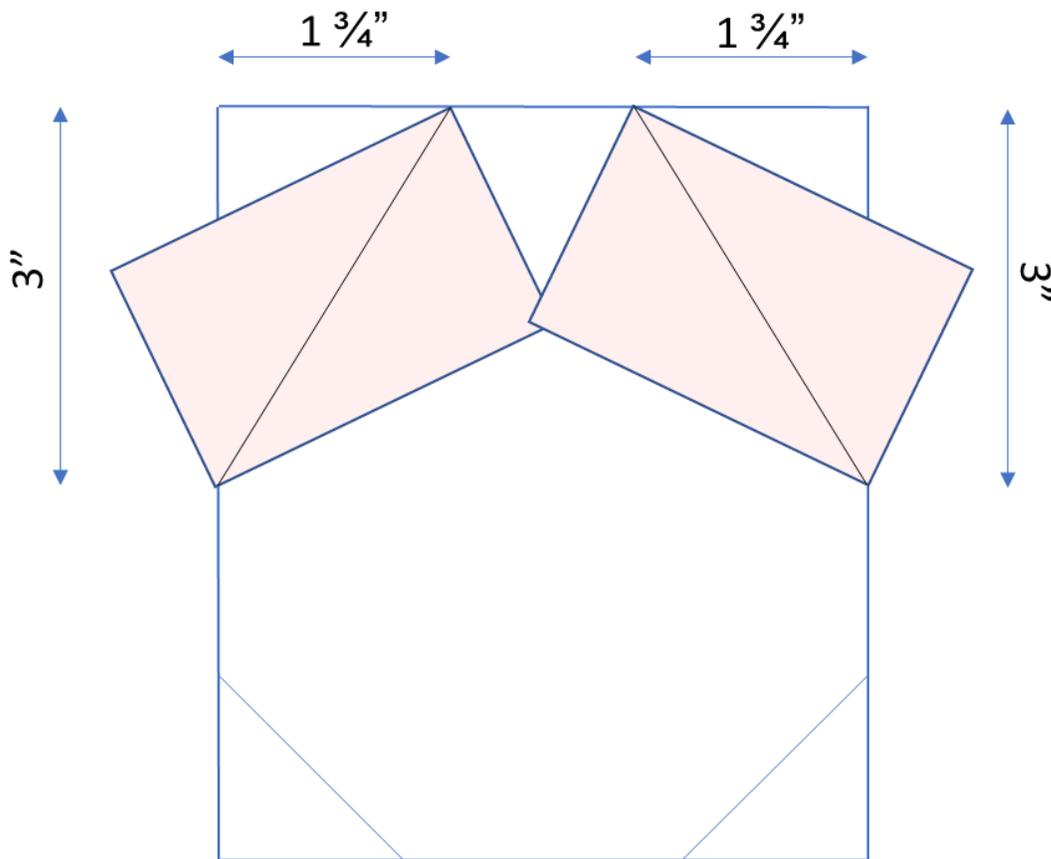
Seam Allowance = 1/4"

Stitch Length 1.8 mm or 14 stitches/inch

1. Draw the diagonal across the two background squares, A and B.
2. Layer the two squares across the bottom (4") side of light bulb fabric (right sides together) such that the diagonal cuts across each corner



3. Sew on the diagonal line for both squares
4. Draw the diagonal across rectangles C and D on the reverse side of the background fabric. The diagonal should go in opposite directions when looking at the rectangles
5. Place the rectangles along the top as shown: (Right sides are together in each case)



6. Sew on the diagonals of rectangles C and D
7. Press such that the background fabric folds on the sewn line and fills each of the 4 corners. (Press from center to the outside in each corner)
8. Check that the fabric edges of the top layer of background matches the bulb fabric corners before going to the next step. (If the background triangle is too large, trim to the bulb fabric. If the background triangle is too small, undo the diagonal stitches and reposition the background piece better and re-sew the diagonal. It probably means sewing closer to the corner)
9. Trim the lower 2 fabrics in each corner to a $\frac{1}{4}$ " seam allowance. (Trim the bulb fabric and face-down background fabric) Do NOT trim the top layer of background fabric
10. Layer piece E, Right Side Together (RST) and sew to the top of the light bulb using a $\frac{1}{4}$ " seam allowance then press
11. Layer pieces F and G, Right Side Together (RST) at each side of the light bulb and sew F and G to each side, then press
12. Layer H and the bulb base (RST) and sew, then press
13. Layer and sew I and J to each side of the "Base+H" piece (Should result in a $1\frac{3}{4}$ " x 7" strip)
14. Layer the bulb base strip to the bottom of the light bulb unit, RST and sew
15. Press the finished block

Your block should measure 7" x 7"

Paper Piecing Directions:

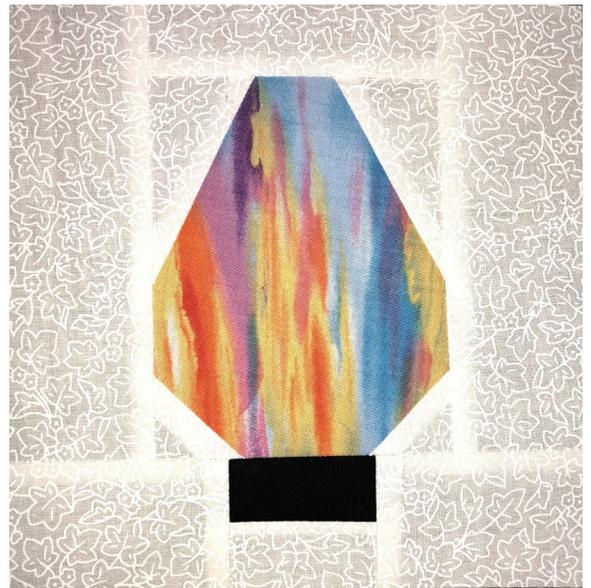
These directions result in a 7"x7" block that the winner can trim to the final size

There are two sections and 12 pieces.

I like the outside edges to have 1/2" SA. I trim the internal sides to 1/4" just before I sew them together, I leave the outside edges at 1/2" SA and trim just before putting them together. Please leave at 7"x7" so the winner can do the final trimming

Note: Section A and B have center lines at bottom and top respectively for aligning the two sections

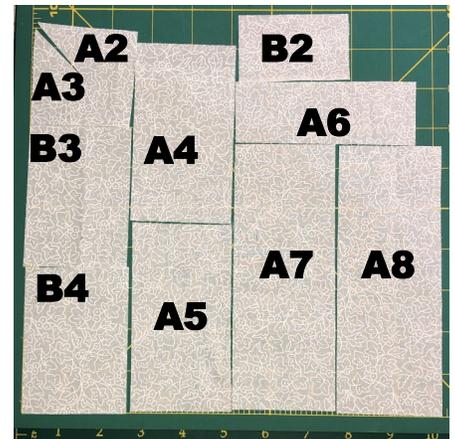
If you need more photos for these steps, they are available in a separate PDF from Patti



Approximate Size of Fabric Pieces: (Very generously sized pieces to make it easier)

Note: All the background pieces can be cut from a 10" x 10" square: See photograph below

A1	One: 4½" x 5½"	Light Bulb fabric
A2, A3	One: 2½" x 2½"	Background fabric
	- cut on diagonal to form two triangles	
A4, A5	Two: 4" x 2½"	Background fabric
A6	One: 1½" x 4½"	Background fabric
A7, A8	Two: 7" x 2½"	Background fabric
B1	One: 1¾" x 2¾"	Black or Black-on-Black fabric
B2	One: 1¼" x 2¾"	Background
B3, B4	Two: 3½" x 2½"	Background



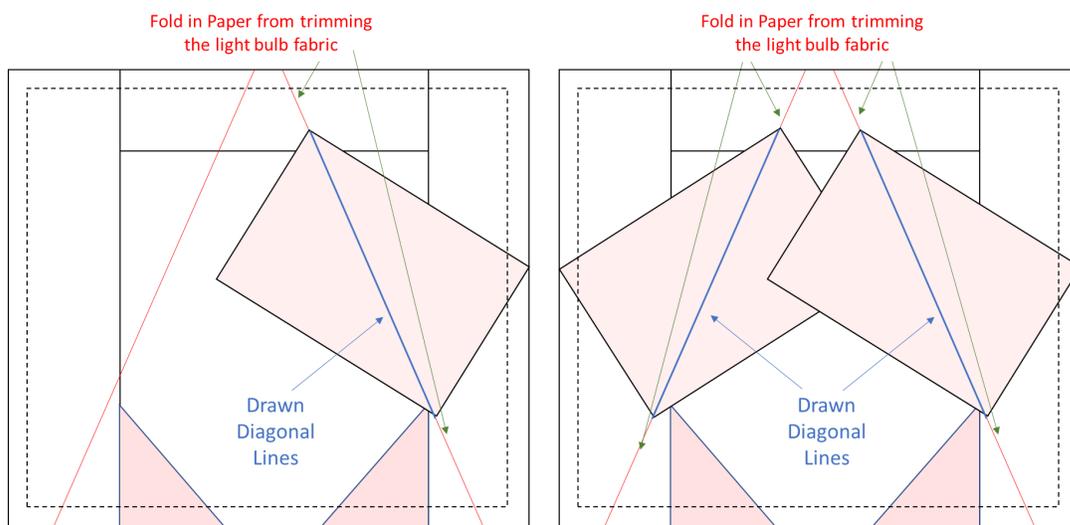
Construction:

Stitch Length is 1.6 mm or 16 stitches/inch

1. Photocopy or draw the Paper Pieced Light Bulb Pattern on easily torn paper (or on freezer paper if you know how to paper piece using freezer paper)
2. Cut around each of the two sections just beyond the green line with paper scissors
3. Align the 4½" x 5½" (light bulb fabric) Right Side Out (RSO) to cover the A1 space on the unprinted side. Hold to a light or window to center the fabric over the space. There should be about 3/8" - 1/2" of fabric beyond the side and top and bottom lines.
4. Pin the 4½" x 5½" fabric near the top of the pattern to hold in place. (Or use temporary glue to hold the fabric piece in place)

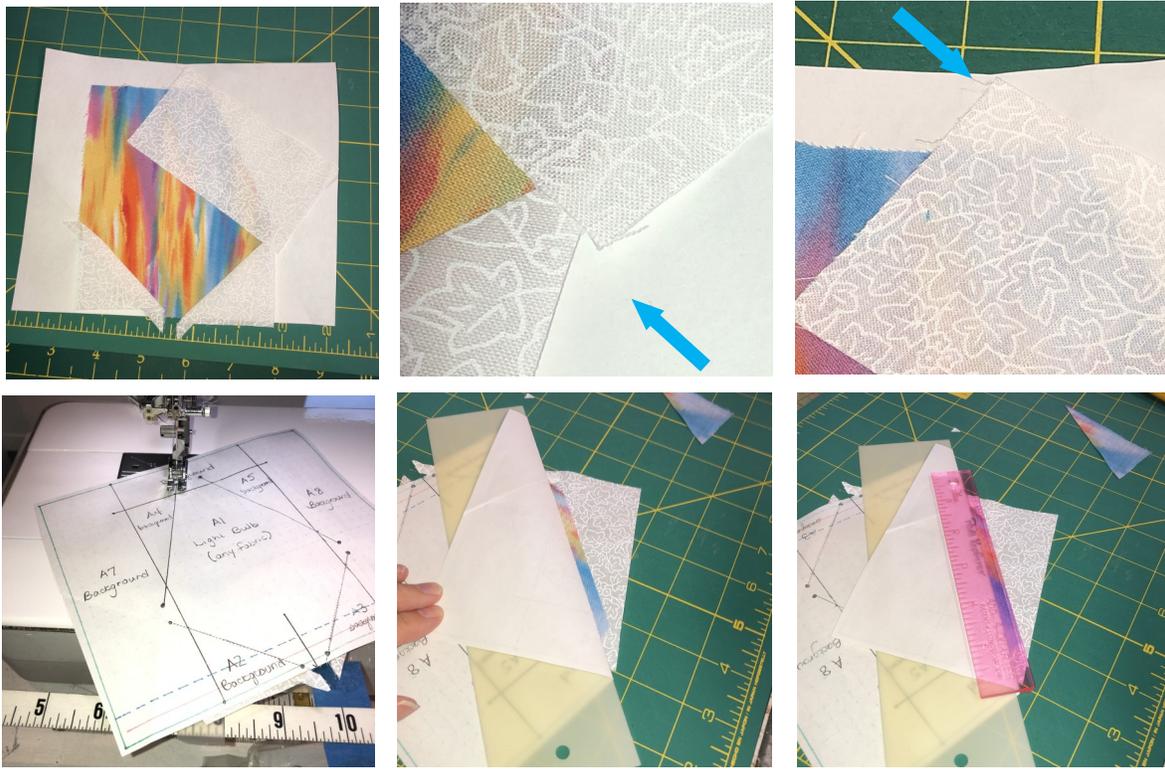
5. Turn so the paper side up and you can see the lines of the pattern
6. Place a piece of thin cardboard or thin plastic along the line between A1 and A2 covering A1
7. Fold the paper around the cardboard (plastic)
8. Use a ruler or Add-a-Quarter ruler to cut the exposed fabric 1/4" away from the fold
9. Turn so the fabric side is up
10. Align fabric A2 with the just trimmed edge of fabric using the longest edge of A2. The right sides are together. (RST)
11. Holding the fabrics in place with the paper template, turn so the paper side is up
12. Sew on the line between A1 and A2. Sew from dot to dot.
13. With the fabric side up, press your stitching line and then press A2 fabric over its space.
14. Repeat the steps of folding the paper and trimming using the line between A1 and A3
15. Layer (RST), sew, press and press open A3 so it covers its space
16. Draw a diagonal line on the reverse side of A4 and A5 (These diagonals should be opposite directions. See the drawing below to tell A4 and A5 apart.)
17. Fold and trim the A1 fabric in preparation for sewing A4 and A5 pieces
18. Align A4 as shown in the first diagram, below.

Note: You align the corners of the fabric with the diagonal line with the fold in the paper pattern. You should extend the rectangles about 1/2" above the line between A1 and A6

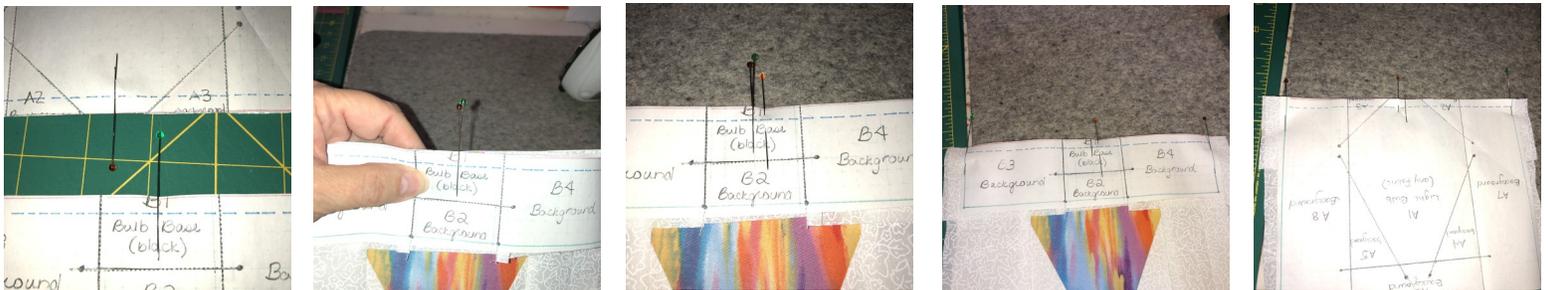


19. Sew the diagonal
20. Test the placement by folding the A4 to the corner and making sure there is at least 1/4" excess on the two sides beyond the space
21. Repeat Steps 18-20 for piece A5.
22. Unfold pieces A4 and A5 so they look like the second diagram above
23. With the paper side up and using cardboard/plastic, refold the paper over the cardboard/plastic.
24. Use ruler or add a quarter ruler, cut the portion of A4 that extends beyond the SA of A1.
25. Repeat for A5
26. Press and then press open A4 and A5 over their respective pieces.

See the next page for photos of the steps for placing, sewing and pressing A4 and A5



22. Continue folding, trimming the SA, layer, sewing and press the remaining fabric pieces A6, A7 and A8
23. Pin B1 fabric (reverse side against the paper) in place on the unprinted side of the second paper section such that it extends at least 1/4" beyond all sewing lines bordering it.
24. Fold, trim the 1/4" SA, layer (RST), sew and press/press open fabric B2
25. Repeat the procedure to add B3 and B4 to the sides of the B1+B2 unit
26. Using a ruler, cut the on the red line at the bottom of section A and at the top of section B
27. Align section A and B with fabric sides together, aligning the centerline marks. (I put a pin along each centerline with pin head above the edge. I hold the sections together such that pins align and use third pin to pin the sections together. I then use pins to pin the sections together at the green lines being sure that pins enter and leave along the green line on each side.



27. Sew along the blue line using a basting stitch (stitch length 5.0 mm or 5 stitches/inch)
28. Check both sides to be sure you have sewn on or very near the blue line
29. If basting looks good, restitch using the 1.6 mm stitch length or 16 stitches/inch
30. Press the seam and then press the seam toward section B
31. Use a ruler to trim on the green lines on all 4 sides
32. Remove all papers.

Raw Edge Applique (Also see the directions for the May Lotto Block)



- *These directions result in a 7"x7" block that the winner can trim to the final size*
- *There are two sets of templates—one that matches the previous blocks and one that is more rounded. You can choose which to use or use both and make two blocks!*



1. Cut a background square 7" x 7" (Always cut the background for an applique block slightly larger because the stitching will shrink it slightly)
2. Trace the bulb Raw Edge Applique pattern on the paper side of a 4½" x 5½" piece of fusible web.
3. Rough cut outside the traced line
4. Iron the fusible web to the reverse side of a 4½" x 5½" fabric for the light bulb following manufacturer's directions
5. Cut the fused fabric on the traced line and remove the paper backing
6. Fuse the light bulb applique to the background square. Centering left and right and between ¾" and 1" from the top
7. Sew around the applique just inside the raw edge using a straight stitch, zig zag stitch, satin stitch or other decorative stitch in a matching, contrasting or variegated thread. (You may want a tear-away stabilizer underneath. It should be about 5" x 6½" to stabilize bulb and base)
8. Cut a ¾" x 1½" piece of fusible web AND a ¾" x 1½" piece of black fabric
9. Iron the fusible web to the reverse of a ¾" x 1½" black fabric and remove the paper backing.
10. Fuse the black fabric (fabric side up) to the bottom of your light bulb, overlapping by ¼"
11. Sew around the black base applique just inside the raw edge using a straight stitch, zig zag stitch, satin stitch or other decorative stitch in a matching, contrasting or variegated thread
12. Remove the stabilizer if used
13. Press

Stitch and Fuse Applique (Also see the directions for the August Lotto Block)



- *These directions result in a 7"x7" block that the winner can trim to the final size*
- *There are two sets of templates—one that*



matches the previous blocks and one that is more rounded. You can chose which to use or use both and make two blocks

1. Cut a background square 7" x 7" (Always cut the background for an applique block slightly larger because the stitching will shrink it slightly)
2. Trace the Stitch and Sew template on the non-fusible side of fusible interfacing.
3. Rough cut at least 1/4" outside of the line on the interfacing
4. Layer the interfacing and a 4½" x 5½" light bulb fabric (fusible side of the interfacing to the right side of light bulb fabric)
5. Sew on the traced line overlapping where you start and end
6. Cut the fabric and interfacing ¼" outside the stitching
7. If you used the square/angular template, trim the corners OR If you have used the rounded template, cut into the seam allowance almost to the sewn line in any curved section as you would for clothing
8. Create about a 2" slit in the center of the interfacing
9. Invert the interfacing-fabric unit so that the right side of the fabric and the fusible side of the interfacing are on the outside
10. Use your fingers to flatten the applique at the seam. You may need to poke out corners. You can also draw out the corners with a seam ripper but be very careful not to cut fabric or thread
11. Fused the light bulb applique to the background square, centering left and right and ¾" - 1" from the top
12. Sew around the applique just inside the seamed edge using a straight stitch, zig zag stitch, satin stitch or other decorative stitch in a matching, contrasting or variegated thread. (You may want a tear-away stabilizer underneath. It should be about 5" x 6½" to stabilize bulb and base)
13. Cut a 1½" x 2¼" piece of fusible interfacing AND a 1½" x 2¼" piece of black fabric
14. Trace the bulb base on the non-fusible side of the interfacing
15. Layer the interfacing and black base fabric (fusible side of the interfacing to the right side of black fabric)
16. Sew on the line of the interfacing-fabric, overlapping the start and end, There should 1/4" beyond the line on all sides.
17. If using the square/angular base template, trim each of the four corners OR If using the rounded template, cut slits almost to the sewn line in the curve sections of the rounded bulb base
18. Make a small slit in the center of the interfacing
19. Invert your piece such that the right side of the fabric and fusible side of the interfacing are on the outside. You may need to push the corners out to form right angles if you used the square/ angular or pull them out carefully with a seam ripper as you did previously with the bulb section.
20. Fuse the black bulb base fabric to the bottom of your light bulb fabric, centering left and right overlapping by ¼"
21. Sew around the black bulb base applique just inside the seamed edge using a straight stitch, zig zag stitch, satin stitch or other decorative stitch in a matching, contrasting or variegated thread.
22. Remove the stabilizer if used
23. Press

Hand Applique (Turned Edge)



- *These directions result in a 7"x7" block that the winner can trim to the final size*
- *There are two sets of templates—one that matches the previous blocks and one that is more rounded. You can choose which to use or use both and make two blocks*



- ◇ Use your favorite method for hand applique with a turned edge (freezer paper, needle turned, starch, glue, etc.)
- ◇ Use either applique template for your light bulb and base, remembering that you MUST add a seam allowance ($\frac{1}{4}$ " to $\frac{3}{8}$ " SA) to your templates
- ◇ Applique to a 7" x 7" piece of background fabric.

Note: The bulb applique should be $\frac{3}{4}$ " - 1" down from the top edge of your background square and centered between the left and right sides. The base overlaps the bottom of the bulb by $\frac{1}{4}$ " and is centered between the left and right sides

Note: I like to use freezer paper templates cut to finish size. After ironing the template to the reverse side of the fabric, I cut the fabric $\frac{3}{8}$ " beyond the freezer paper edge. I use a Kimball Straw (milliner) needle size 11 and Superior Kimono silk 100 wt-2 ply thread to applique the fabric to the background, needle turning the SA as I sew around the applique fabric. I usually slit the background under the appliqué to remove the freezer paper and then trim to a $\frac{3}{8}$ " to $\frac{1}{4}$ " seam allowance. However, in making these two blocks, I was able to remove each piece of freezer paper just before finishing the applique stitching. The winner has the option of removing the background under the applique which would result in puffier appliques when layered on the batting.

Layout Ideas:

1. Use a grid with or without sashing
 - A. Orient all blocks with bulbs upright
 - B. Rotate the blocks randomly 90° , 180° and 270°
 - C. See photo on right
2. Stagger the light bulb blocks in the vertical and or horizontal direction using various size of background blocks
 - A. Orient all blocks with bulbs upright (See photo on next page with "wire")
 - B. Rotate the blocks randomly 90° , 180° and 270°
3. Place the blocks in a wreath or circular pattern



4. Place the blocks such that they meander in curve paths across your top
5. When your top is done, join your light bulb blocks with a couched cord or satin stitch to represent the wire between the bulbs (see photo on right)
6. Make placemats and a table runner for a gift or holiday meal
7. Use some blocks for pillows
8. Make a bunting of your blocks. You might orient the blocks with the base up and double the bunting cord as the wire between the blocks
9. Your ideas

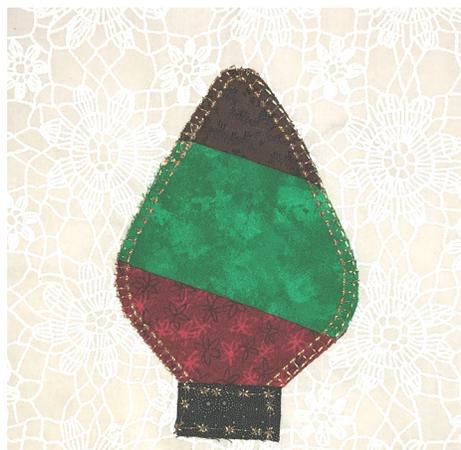


Rebellious Ideas:

1. Use strip-pieced fabric, curved striped pieced fabric, crazy piece fabric, or an orphan block for your light bulb fabric.
2. Machine or hand embroider your light bulb fabric with a winter motif
3. Use your embroidery machine to applique your bulb blocks
4. Piece your background from strips or crazy piecing before using it in one of the applique techniques
5. Your own ideas?



Orphan Block with Raw Edge Applique



Strip-pieced with Raw Edge Applique

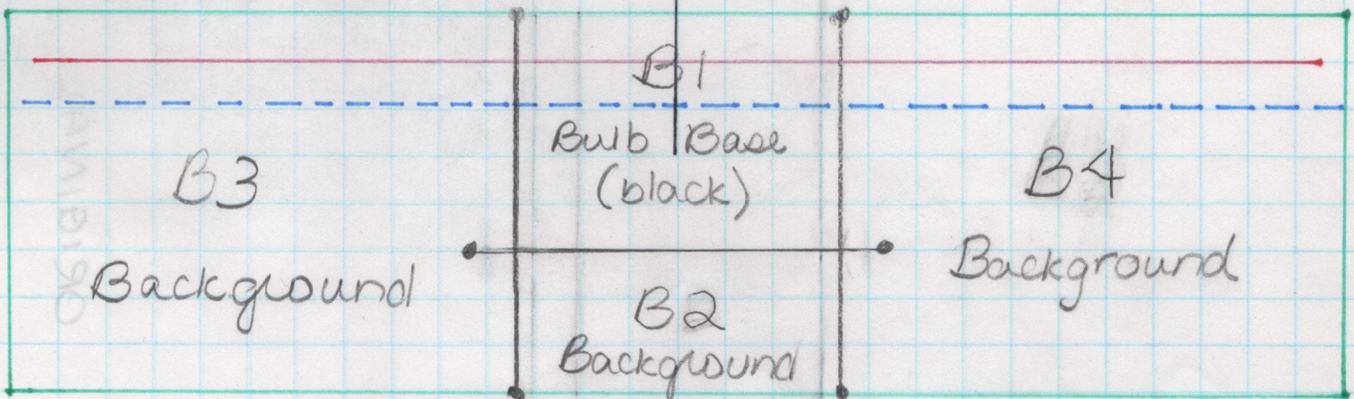
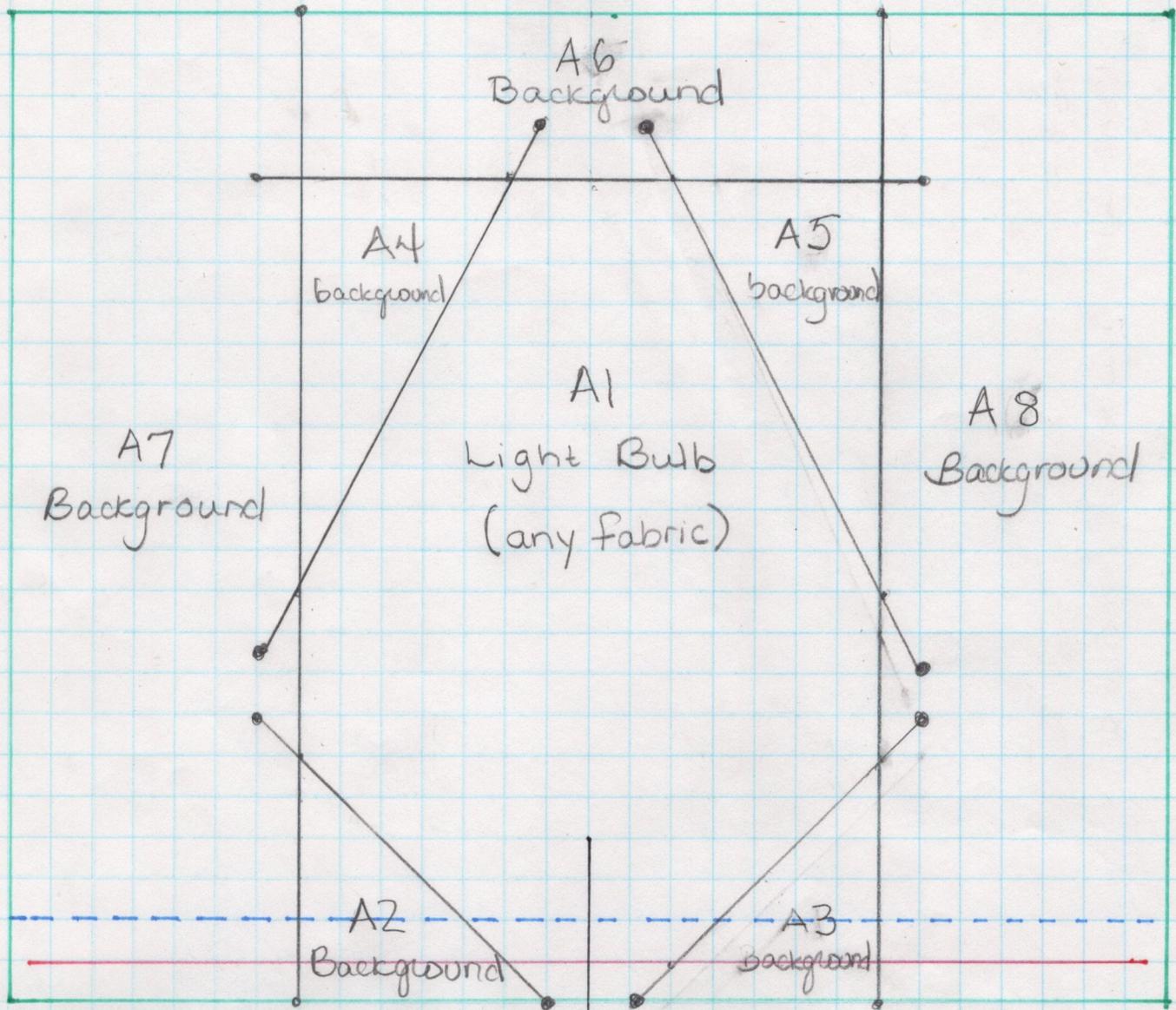


Reverse Applique by Machine using blanket stitch and strip-pieced

Paper Pieced Light Bulb

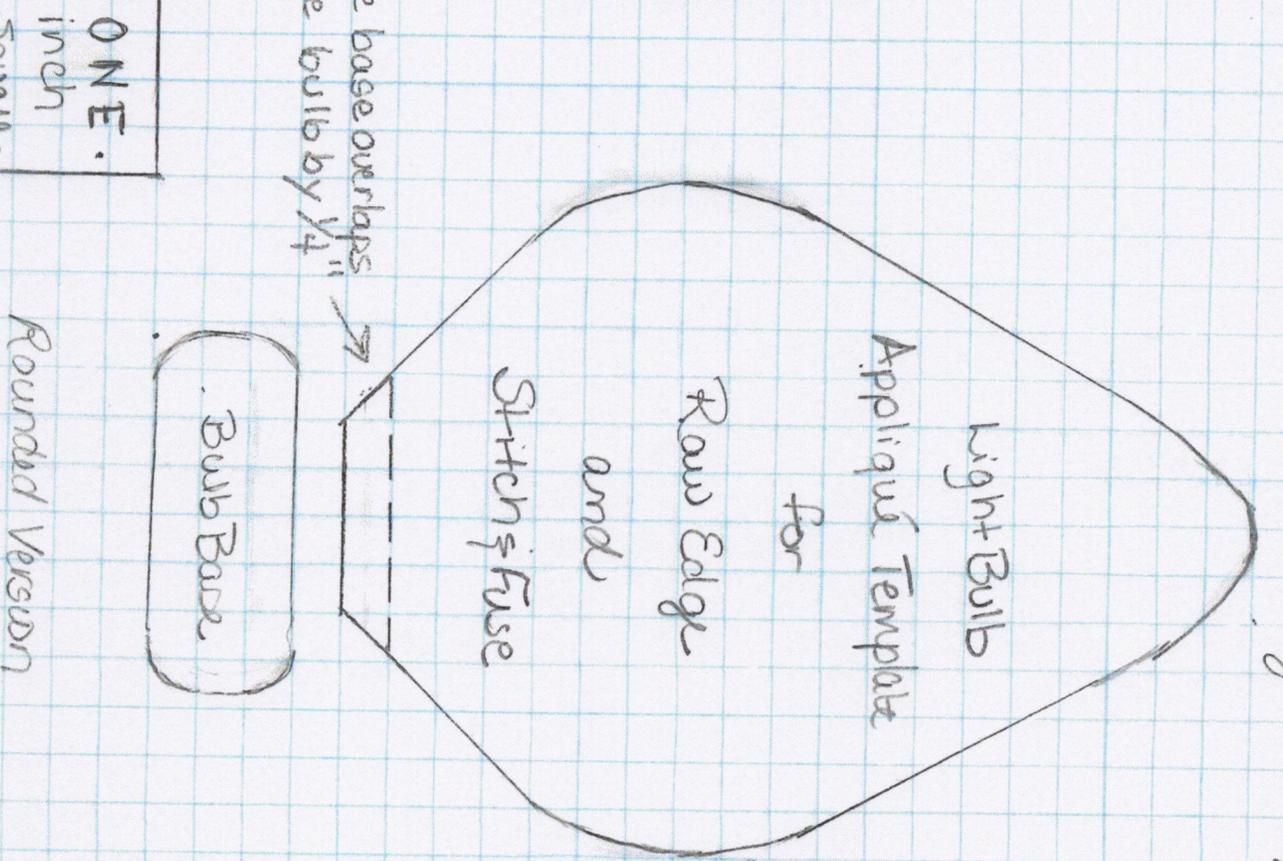
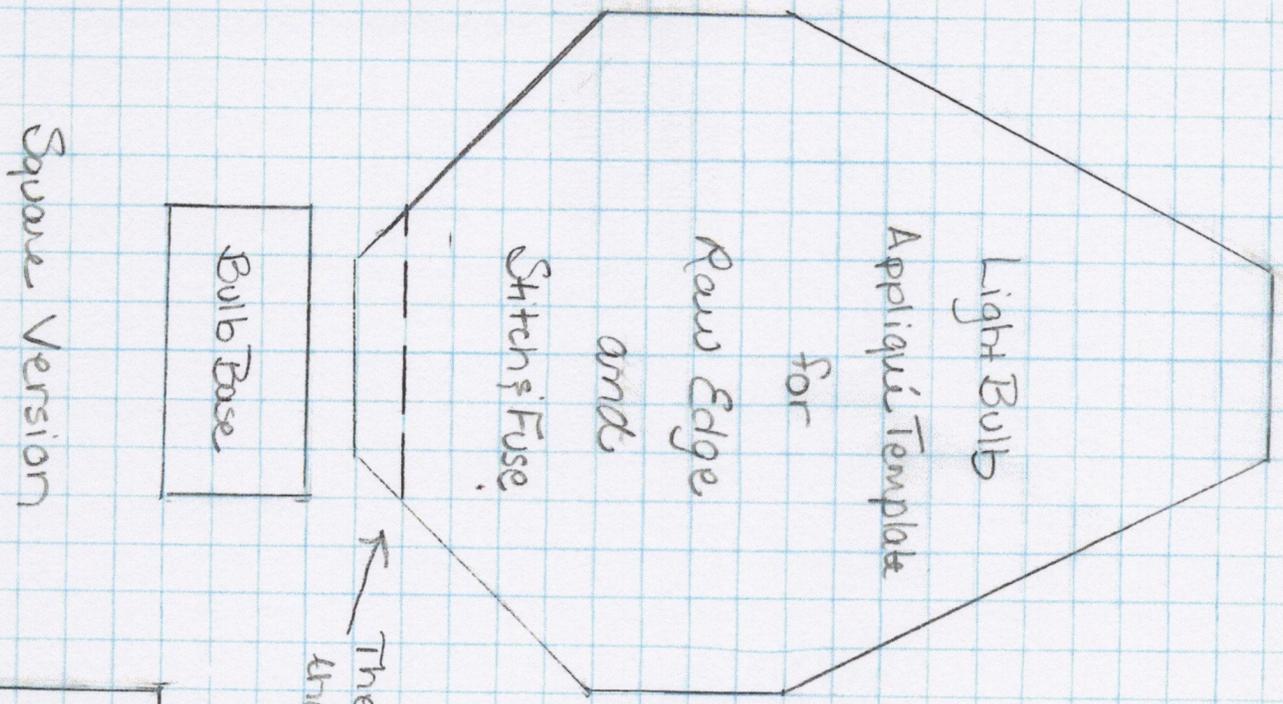
by Patti Kupferer 2021

One
Inch
Square



Applique Template for Light Bulb Block

by Patti Kupferer 2021



ONE.
inch
square

Use either template for Turned Edge
by adding a seam allowance ($\frac{1}{4}'' - \frac{3}{8}''$)