

**ICE CRYSTALS**  
**DESIGNED BY TOBY LISCHKO**  
**QUILT SIZE: APPROX. 58" x 58"**  
**BLOCK SIZE: 12"**

***BASIC INSTRUCTIONS PLEASE READ BEFORE PIECING***

This is a 6 part series with the quilt's final construction to be given at the 6th week. This quilt can be either paper pieced or pieced with templates. Each block includes the paper pieced images and templates. Template A/Ar is used in all of the blocks so you only need to make that template once. Each block has left and right sections which are sewn together. Seams are pressed in opposite directions in the two sections so that the seams "nest" and fit together better. Four pieced sections create the block. Each small square should equal 6-1/2". Each finished block should equal 12-1/2".

I suggest, if you choose to paper piece the pattern, that you still cut out the templates because they are used to cut the individual pieces for them. I use an add-a-quarter ruler and cut out the pieces using it to add 1/4" around the template. You can use any ruler instead if you do not have one. Doing this method saves on fabric and helps to place the individual pieces in the correct position for less piecing errors. After cutting be sure to either place pieces in a bag and label it or stack individual pieces and place a label on top so that you don't get the pieces confused.

The templates are used to cut a right and left section. This is achieved by placing the dark and light fabrics wrong sides together and are cut at the same time to create the left and right sections. Be sure to place the dark or light fabric on top, whichever one is on the right side. So if the right side has a light piece, place it on top of the dark fabric wrong sides together and visa versa. Templates are labeled A, Ar, B, Br, etc. The r stands for "reverse" meaning the reverse or mirror image of the section.

To make the templates, print out the template page and cut each individual template out around the outside lines. No need to cut them out on the lines. Tape the templates, print side facing the back of the heavy template plastic and then cut out on the lines. Be sure to cut out the trimmed corners for easier piecing. I recommend piecing one practice block so you will know where to place the fabric corners for the 1/4" seams and to make sure that your 1/4" is accurate.

## BASIC INSTRUCTIONS CONTINUED

Because the paper pieced patterns are sewn backwards, (right sides are facing down from the paper) pay attention to the darks and lights in the left and right sections. The sections are shaded for less confusion. What looks like the right or left section is actually the opposite since you will be turning the finished section fabric side up for piecing.

I have a “mantra” (some phrase that is repeated over and over) when I paper piece. FOLD, TRIM, SEW, PRESS. These words help me keep organized when piecing. You will be given both regular paper and freezer paper directions for paper piecing. Ashley or I will be demonstrating the technique if you have never tried it before. Watch for my blog and videos along the way.

There are nine blocks starting with simple ones and progressively get harder. The quilt is pieced “on-point” which means that the blocks are at a 45 degree angle and pieced with half-square and quarter-square triangles which are called setting triangles.

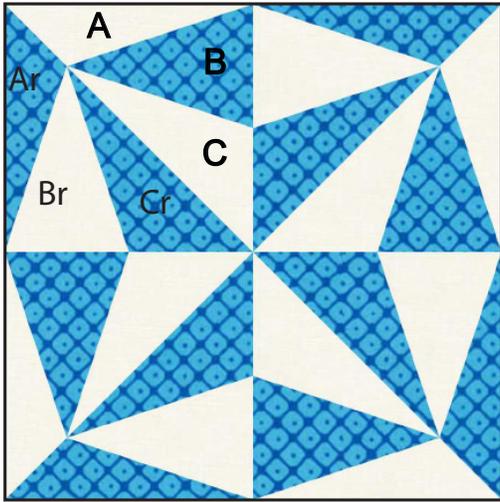
### ***REGULAR PAPER PIECING***

1. Copy paper pieced page on thin paper or special paper piecing paper. You can use newsprint or tracing paper also.
2. Use the shaded sections of the foundation paper as your guide for placing the dark and light fabrics.
3. Place the Template A1(or B1) fabric piece **WRONG** side of fabric facing backside of paper. Make sure that all of the fabric edges are extended past the outside edges of the paper section. Use a pin or dab of glue to hold the fabric in place.
4. **FOLD** paper along the line between numbers 1 and 2 and **TRIM** seam to 1/4” from fold. I use a business card or heavy card stock (a 3 x 5 card works or you can use one of your templates) to line up on the paper line and fold the paper over it.
5. Leaving paper folded, place Template A2 (or B2) fabric piece **RIGHT** sides together, lining up the edges of the fabrics along the 1/4” cut edge. You can use the image of the paper section on top to use as your guide for placing the fabric in the correct orientation.
6. Fold paper back over the sections and **SEW** along the line between 1 and 2. Reduce your stitch length to 1.5.
7. Turn paper over and finger **PRESS** the fabric (you can only press it in one direction). You can then press with a hot iron if necessary.
8. Repeat steps 4 through 7 repeating the **FOLD, TRIM, SEW, PRESS** steps with the remainder of the fabrics. Trim finished section, lining up a ruler on the 1/4” line of the paper, using your rotary cutter.

## **FREEZER PAPER PIECING** (You only need to make 1 copy of each for freezer paper piecing)

1. Copy paper pieced page on freezer paper. Check to see what direction you need to place the paper in your printer so you will print on the paper side, not the shiny wax side. Only print on an inkjet printer. Freezer paper will ruin a laser printer.
2. Use the shaded sections of the foundation paper as your guide for placing the dark and light fabrics.
3. Place the Template A1(or B1) fabric piece **WRONG** side of fabric facing shiny side of paper. Make sure that all of the fabric edges are extended past the outside edges of the paper section. Iron fabric to freezer paper with a hot iron. Do not hold iron on too long, just long enough for the fabric to stick.
4. **FOLD** paper along the line between numbers 1 and 2 and **TRIM** seam to 1/4" from fold. I use a business card or heavy card stock (a 3 x 5 card works or you can use one of your templates) to line up on the paper line and fold the paper over it.
5. Leaving paper folded, place Template A2 (or B2) fabric piece **RIGHT** sides together, lining up the edges of the fabrics along the 1/4" cut edge. You can use the image of the paper section on top to use as your guide for placing the fabric in the correct orientation. Some of the triangles have one side just slightly longer than the other so pay close attention to those images when placing the fabric right sides together.
6. Leave paper folded and **SEW** as close to the fold as you can. No need to reduce your stitch length.
7. Turn paper over and finger **PRESS** the fabric (you can only press it in one direction). Take the section to the iron and press section 2 to the freezer paper.
8. Repeat steps 4 through 7 repeating the **FOLD**, **TRIM**, **SEW**, **PRESS** steps with the remainder of the fabrics. Trim finished section, lining up a ruler on the 1/4" line of the paper, using your rotary cutter. Carefully remove the freezer paper. If it sticks you used too hot of an iron. You can try removing it by adding a little heat before taking it off. You can reuse this freezer paper section for the remainder of your block. Since the folds are there you no longer need to use a card or anything to line up along the lines for folding for the remainder of the sections.

## ICE CRYSTALS BLOCK 1

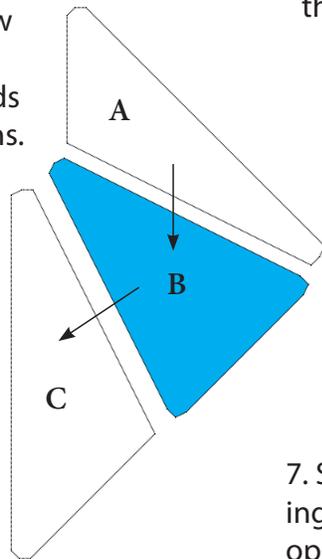


1. Place, wrong sides together, the light and dark fabrics, with the light on top. Cut out (4) each A/Ar and C/Cr. You will get (4) light A and C and (4) dark Ar and Cr. \*See step 3 for paper piecing.

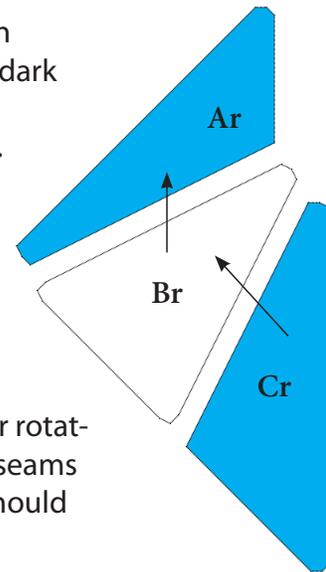
2. Repeat step 1 with the dark and light fabrics, with the dark on top, and template B for (4) dark B and (4) light Br. Continue to step 4 unless paper piecing.

3. For paper piecing cut out pieces, adding a 1/4" around all the edges of the templates, repeat steps 1 and 2. Paper piece 4 left and 4 right sections following the numbers. Skip to step 6.

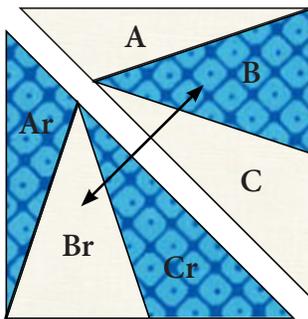
4. Matching edges, sew light A to dark B and B to light C. Press towards C. Make 4 right sections.



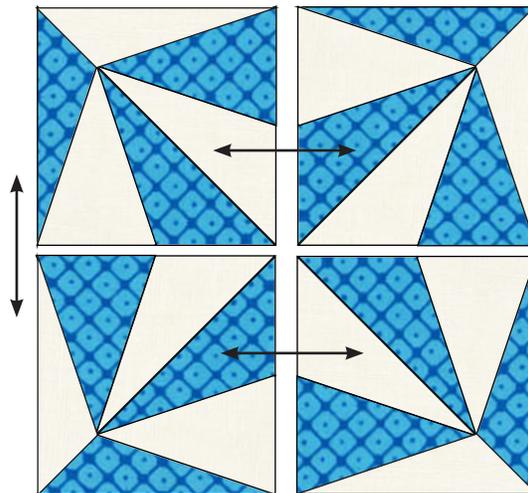
5. Repeat step 4 with dark Ar, light B, and dark Cr. Press towards Ar. Make 4 left sections.



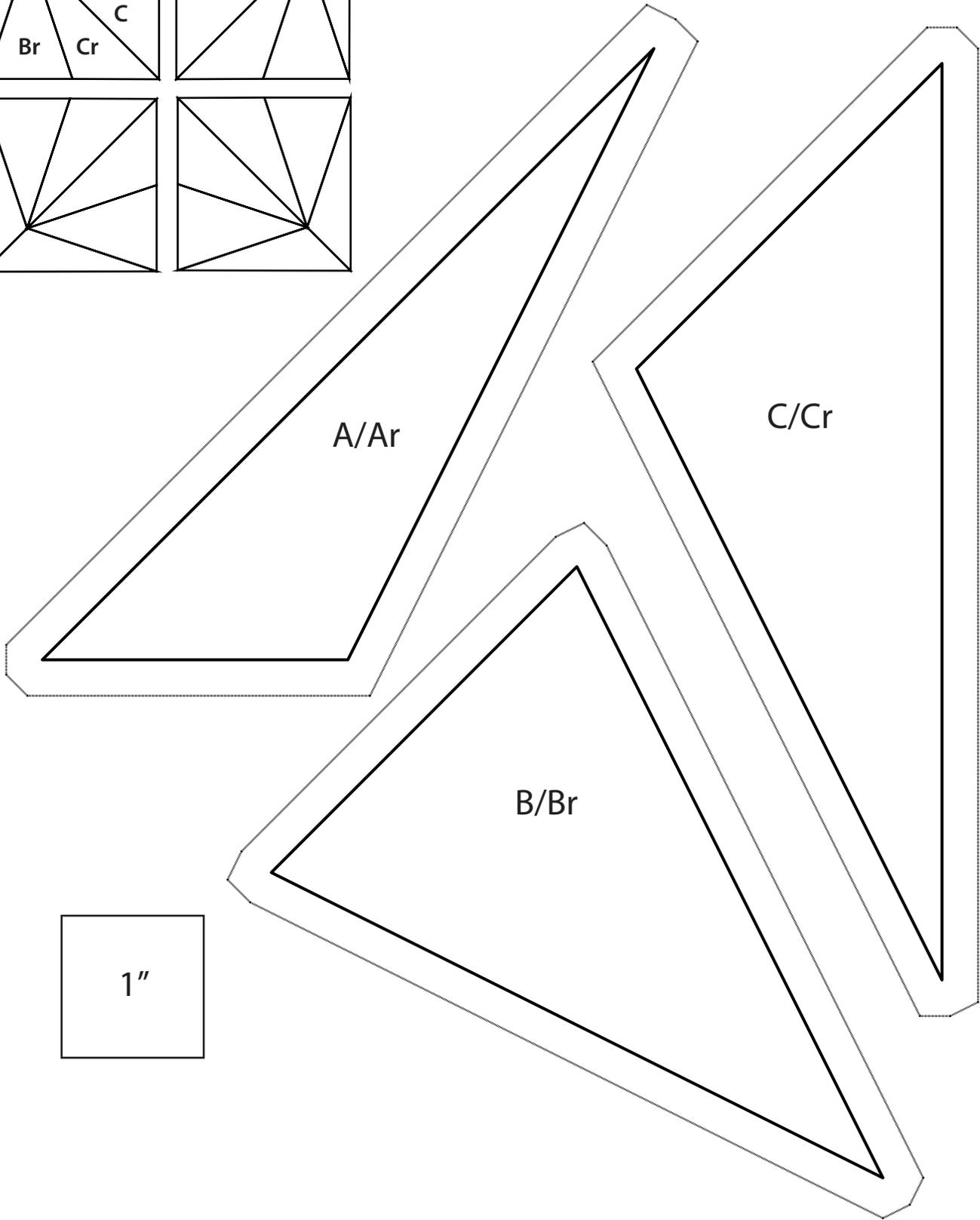
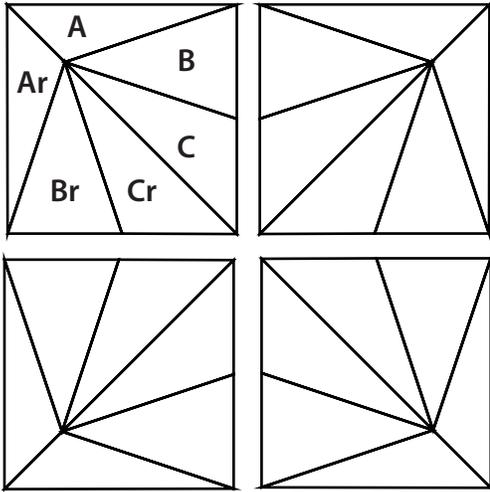
6. Sew left and right sections together. Press seams open. Square should equal 6-1/2". Make 4.



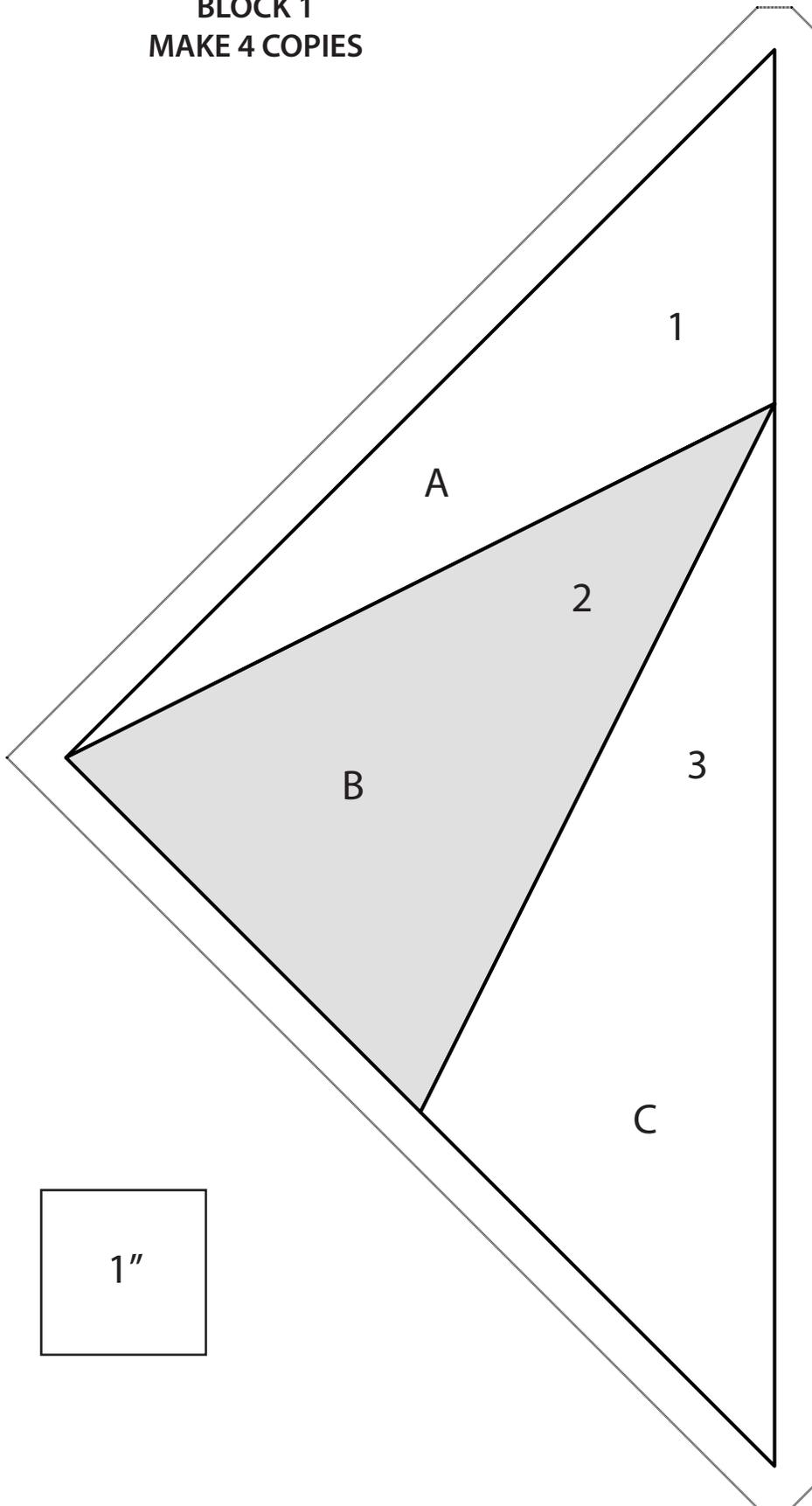
7. Sew the 4 squares together rotating sections as shown. Press seams open to reduce bulk. Block should equal 12-1/2".



ICE CRYSTALS TEMPLATES  
BLOCK 1



ICE CRYSTALS PAPER PIECED RIGHT SECTION  
BLOCK 1  
MAKE 4 COPIES



ICE CRYSTALS PAPER PIECED LEFT SECTION  
BLOCK 1  
MAKE 4 COPIES

