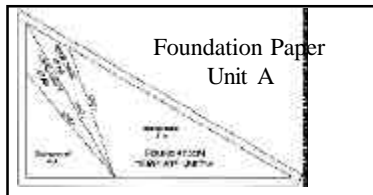


## Cutting Instructions-Unit A

### Cutting Chart for Unit A Foundation Paper

Sizes w Border	Baby	Twin	Lap	Double	Queen	King
Sizes w/out Border	30 x 36	36 x 60	54 x 60	60 x 72	72 x 75	90 x 90
Unit A Foundation Paper	24	48	72	96	120	180
Dark & Light Fat Quarters	2	4	6	8	10	15
Dark & Light Pieces	24	48	72	96	120	180
Background #3 Strips	3	6	9	12	15	22
Background #3 Triangles	24	48	72	96	120	180
Background #4 Strips	2	3	5	6	8	12
Background #4 Triangles	24	48	72	96 <td 120	180	

**Step 1.** Cut the required number of Unit A foundation paper for the size of quilt you plan to make according to the cutting chart for Unit A shown above. Trim around each paper about 1/8" out from the outside cutting line.



**Step 2. Long Stars:** Cut one 8 1/4" by 21" dark and light star strip from each of the dark and light fat quarters. The number of fat quarters required for each size quilt is listed in the cutting chart above. After cutting the strips, stack all the dark strips in one pile with the right sides up. Then, stack all the light strips in one pile with the right sides down. Place the light strips on top of the dark strips. (You may need to divide the piles into two or more piles so that you can cut through the fabric.)

Cut your strips into 3 1/2" by 8 1/4" rectangles. Use the long star template to cut the rectangles in half. Refer again to the cutting chart for the correct number of Light & Dark Pieces to cut.

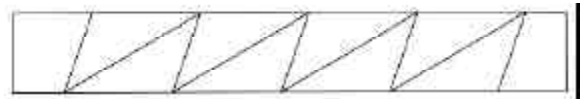


These pieces can only be cut in one direction.

**Step 3. Background #3:** Cut the required number of 6" by 42" Background #3 Strips for the size of quilt you plan to make, according to the cutting chart above. (If you are using several colors, divide the number of strips and triangles evenly by the number of fabrics you have chosen). After cutting the strips,

stack all the strips in one pile with the right sides up. (You may need to divide the pile into two or more piles so that you can cut through the fabric.)

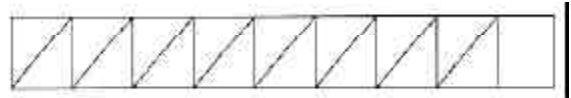
Use template 3-A to cut the strips into triangles as shown below. The number of triangles required for each size quilt is listed in the table above.



These pieces can only be cut in one direction.

**Step 4. Background #4:** Cut the required number of 5 1/2" by 42" Background #4 Strips for the size of quilt you plan to make, according to the cutting chart above. (If you are using several colors, divide the number of strips and triangles evenly by the number of fabrics you have chosen). After cutting the strips, stack all the strips in one pile with the right sides up. (You may need to divide the pile into two or more piles so that you can cut through the fabric.)

Cut your strips into 4 3/4" by 5 1/2" rectangles. Use template 4-A to cut the strips into triangles as shown below. The number of triangles required for each size quilt is listed in the table above.



These pieces can only be cut in one direction.

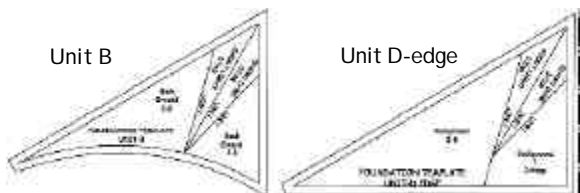
**Step 5.** Place all the pieces, templates, and foundation papers required for Unit A into a container labeled Unit A. It is important that you do

## Cutting Instructions — Unit B and Unit D-edge

### Cutting Chart for Unit B and Unit D-edge

Sizes w Border	Baby	Twin	Lap	Double	Queen	King
Sizes w/out Border	30 x 36	36 x 60	54 x 60	60 x 72	72 x 75	90 x 90
Unit B Foundation Paper	20	44	66	88	112	170
Unit D-edge Foundation Paper	4	4	6	8	8	10
Dark & Light Fat Quarters	2	4	6	8	10	15
Dark & Light Pieces	24	48	72	96	120	180
Background #1 Strips	2	3	4	6	7	11
Template Background 1-B	20	44	66	88	112	170
Template Background 1-D-edge	4	4	6	8	8	10
Background #2 Strips	4	8	12	16	20	30
Template Background 2-B	24	48	72	96	120	180

**Step 1.** Cut the required number of Unit B and Unit D-edge foundation paper for the size of quilt you plan to make according to the cutting chart shown above. Trim around each paper about 1/8" out from the outside cutting line.



**Step 2. Short Stars:** Cut one 6 1/4" by 21" dark and light star strip from each of the dark and light fat quarters. The number of fat quarters required for each size quilt is listed in the cutting chart above. After cutting the strips, stack all the dark strips in one pile with the right sides up. Then, stack all the light strips in one pile with the right sides down. Place the light strips on top of the dark strips. (You may need to divide the piles into two or more piles so that you can cut through the fabric.)

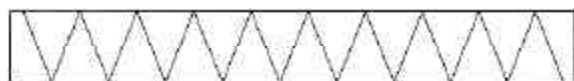
Cut your strips into 3 1/2" by 6 1/4" rectangles. Use the short star template to cut the rectangles in half. Refer to the chart above for the correct number of Light & Dark Pieces to cut. Set aside enough light and dark star pieces to complete Unit D-edge.



These pieces can only be cut in one direction.

**Step 3. Background #1:** Cut the required number of 5 1/4" by 42" Background #1 Strips for the size of quilt you plan to make, according to the cutting chart above. These strips are used for both templates 1-B and 1-D-edge. (If you are using several colors, divide the number of strips and triangles evenly by the number of fabrics you have chosen). After cutting the strips, stack all the strips in one pile with the right sides up. (You may need to divide the pile into two or more piles so that you can cut through the fabric.)

Use template 1-B to cut the strips into triangles as shown below. The number of triangles required for each size quilt is listed in the chart above. Do not cut extra triangles. The left over fabric is for the next step.



Set these triangles aside for Unit B.

Use template 1-D-edge to cut the left over strips into triangles as shown below. The number of triangles required for each size quilt is listed in the table above.



These pieces can only be cut in one direction.

Set these triangles with the foundation paper pieces for Unit D-edge.

**Step 4.** Background #2: Cut the required number of 4 1/4" by 42" Background #2 Strips for the size of quilt you plan to make, according to the cutting chart on previous page. (If you are using several colors, divide the number of strips and triangles evenly by the number of fabrics you have chosen). After cutting the strips, stack all the strips in one pile with the right sides up. (You may need to divide the pile into two or more piles so that you can cut through the fabric.)

Use template 2-B to cut the strips into the number of triangles needed for Unit B and Unit D-edge. The number of triangles required for each size quilt is listed in the cutting chart.



These pieces can only be cut in one direction.

Set aside enough triangles along with the foundation papers needed to complete Unit D-edge. The remaining triangles are for Unit B.

**Step 5.** Place all the pieces, templates, and foundation papers required for Unit B and Unit D-edge into containers labeled Unit B and Unit D-edge, respectively. It is still important that you do not start sewing at this time.

## Cutting Instructions — Unit C

Sizes w Border	Baby	Twin	Lap	Double	Queen	King
Sizes w/out Border	30 x 36	36 x 60	54 x 60	60 x 72	72 x 75	90 x 90
Unit C Foundation Paper	20	44	66	88	112	170
Cut Strips of Each Color	4	8	11	15	19	29

**Step 1.** Cut the required number of Unit C foundation paper for the size of quilt you plan to make according to the table above. Trim around each paper about 1/8" out from the outside cutting line.



**Step 2.** Unit C is pieced using six fabrics shaded from light to dark. Number the fabric from one to six. Cut each strip 2 1/4" by 22". Refer to your chart for the number of strips to cut from each fabric. The left over fabric is to be used to complete the ribbon border, referred to as border #1.

**Step 7.** Pick up fabric #3. With the right side up,

### HELPFUL HINTS BEFORE SEWING

At this point, you need to adjust the stitch length and tension on your machine for sewing on paper. This will vary with different machines. When using paper as a foundation, use a size 80 needle and set your stitch length at 18 stitches per inch or 1.50 on your sewing machine. This perforates the paper, easing the removal of the paper later. Your tension must be set evenly, top to bottom, such that when you tear away the paper it will not loosen or tear the stitches. Practice on a few pieces before starting your quilt.

**SPEED PIECING:** For this quilt, we will be using the speed piecing method. All the pieces will be completed in each step before going on to the next step. For instance, all the papers will be cut out first. Next, you will fold all the papers. Then, you will sew all the lines labeled one, and then all the lines labeled two, and so on. This will save lots of confusion not having to go back and forth with each step. (See photo in step 3 on following page.)

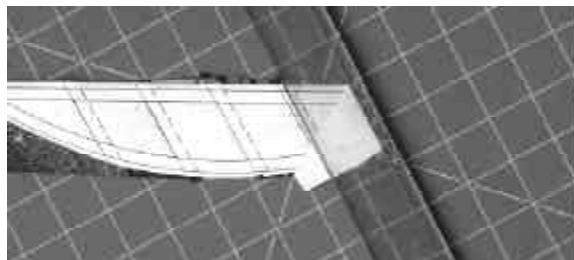
**WARNING:** The disadvantage of speed piecing is that when you make one mistake, you usually make it on several pieces before you notice it, so pay close attention! You may want to make a couple examples before you begin your chain sewing.

**STEP 7.** Pick up fabric #3. With the right side up, place the foundation paper on top of fabric #3. Line up the edge of the fabric with the edge of your 1/4" seam on line 2.



Open the paper and sew on line 2.

Fold back the paper on line 5 and trim a 1/4" seam allowance. **\*\* You do not sew fabric #6 on at this time. It is added after you sew Unit B and Unit C together.**



**Step 10.** Trim the foundation paper on the outside cutting line as shown to remove the excess paper and fabric.



**Step 8.** Continue sewing all the foundation paper onto fabric #3. Leave a one half inch space between each piece. Press fabric #3 towards line 4. Then cut the pieces apart as done in step 5. Fold the paper back on line 3. Trim a 1/4" seam allowance as shown in step 6. Repeat this procedure with fabrics #4 and #5.

**Step 9.** After you have sewn on fabric #5, press the fabric towards section 6 and cut the units apart.

Do not remove the foundation paper at this time. **\*\*It is left on until after you sew Unit B and C together.**

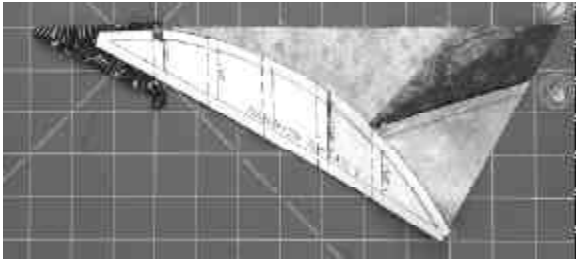
### Dividing Stars into Triangle Sets

Before you can start paper piecing Unit A, B, and D-edge, you need to separate all the fabrics and foundation Units into individual sets. This is the only way to keep the stars from getting mixed up and sewn in the wrong place with the wrong background pieces. To complete each triangle, separate your fabric as described below. The first chart below describes how many pieces you need to build each triangle. The second chart below describes how many sets are required of the two types of triangles for the different size quilts.

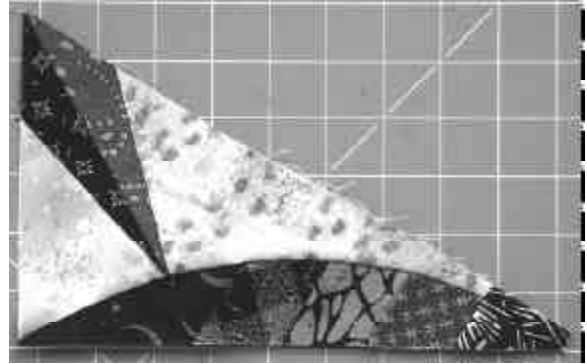
Center Triangle 1	Edge-Triangle 2
3 Unit A Foundation Papers 3 Template Background Pieces 3-A 3 Template Background Pieces 4-A 3 Dark & Light Long Star Pieces	3 Unit A Foundation Papers 3 Template Background Pieces 3-A 3 Template Background Pieces 4-A 3 Dark & Light Long Star Pieces
3 Unit B Foundation Papers 3 Template Background Pieces 1-B 3 Template Background Pieces 2-B 3 Dark & Light Short Star Pieces	2 Unit B Foundation Papers 2 Template Background Fabrics 1-B 2 Template Background Fabrics 2-B 2 Dark & Light Short Star Pieces
3 Complete Unit C Pieces	1 Unit D-edge Foundation Paper 1 Template Background Fabric 1-D-edge 1 Template Background 2-B 1 Dark & Light Short Star 2 Complete Unit C Pieces
<b>**Tip**:</b> I find it handy to place each triangle set into a large freezer bag so that I can keep the entire quilt in one container. This way, I can put the quilt away without losing track of where I am.	

Make the following number of sets of each of the Center Triangle 1 and Edge Triangle 2						
Sizes w/ Border	Baby	Twin	Lap	Double	Queen	King
Sizes w/out Border	30 X 36	36 X 60	54 X 60	60 X 72	72 X 75	90 X 90
Center Triangle 1	4	12	18	24	32	50
Edge Triangle 2	4	4	6	8	8	10

**Step 9.** Press fabric #6 open and trim the excess fabric off Unit C. Carefully remove all the paper from Unit C. Try not to tear or loosen any stitch.



Untrimmed Finished Unit B and C



Finished Unit B and C

### Setting the Units Together

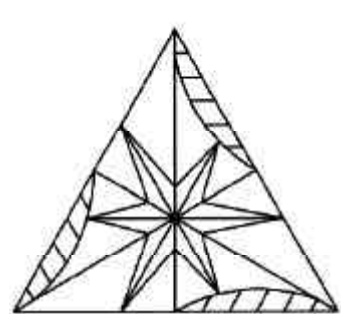
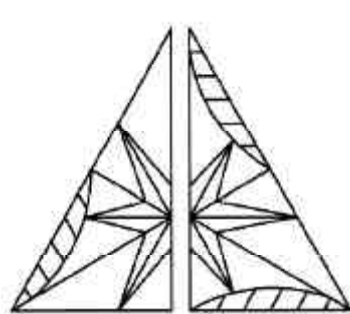
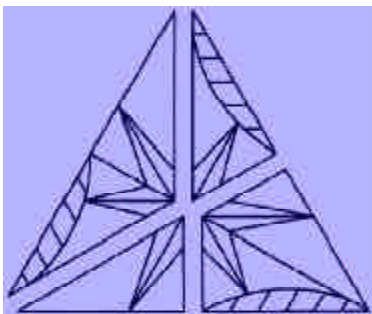
It is time to start sewing your units together to complete your quilt. **\*\*If you are using more than 4 fabrics for your background pieces, you will want to lay the quilt out on the floor before sewing the units into triangles. This will allow you to play with the placement of your colors. Once you are satisfied, you can begin sewing the units into triangles.**

I have included a chart with information as to how many center triangles, edge triangles, half stars, and rows are needed to complete the quilts listed in this pattern.

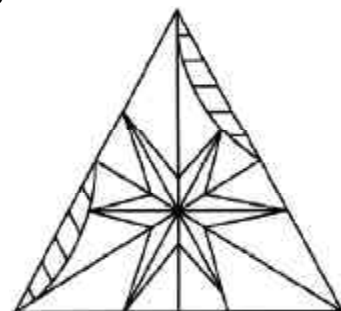
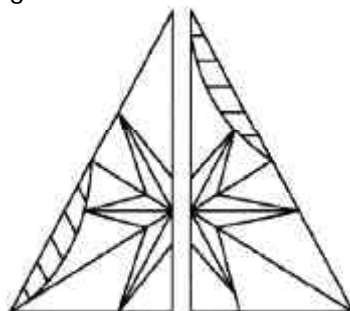
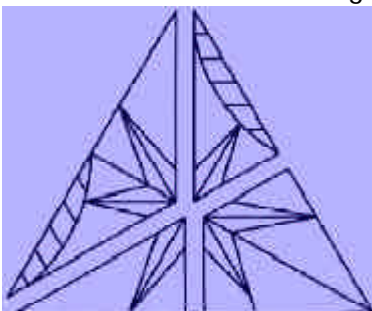
Size with Borders	Baby	Twin	Lap	Double	Queen	King
Size without Borders	30 X 36	36 X 60	54 X 60	60 X 72	72 X 75	90 X 90
Number of Center Triangles #1	2	8	14	20	28	44
Number of D-Edge Triangles #2	4	4	6	8	8*	10
Number of Half Stars per quilt	4	8	8	8	10	12
Number of Rows	2	4	4	4	5	6
<b>The number of stars per row include the half stars on the sides</b>						
Number of Stars per row	4	4	6	8	8	10

\* One of the D-Edge Triangles for the Queen size quilt is used for the two half stars in row one at the top of the quilt.

Each triangle is completed by sewing the following units together. To insure that all your seams will interlock when setting the triangles together, you will need to follow the sewing diagrams below for each of the triangles. The layouts below represent the right sides of your fabric.

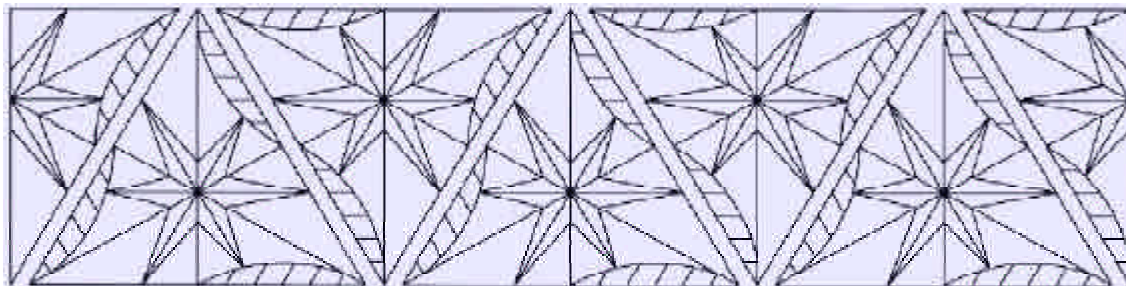


Sewing Diagrams for the Center Triangle #1.



Sewing Diagrams for the D-Edge Triangle #2.

Arrange the triangles as illustrated in the full size quilt layout on the back side of the cover sheet. To sew the triangles into rows, place the right sides together. Match the center seams and the quarter inch points at the end of each triangle. Sew all the triangles into rows using a quarter inch seam allowance as illustrated below. Then sew the rows together to complete the center of the quilt. [This layout represents the right sides of your fabric.](#)



## Making Border 1

**Step 1.** Cut strips 1 1/2" by 22" from each of the ribbon fabrics, #1-6. Sew one strip of each color from 1 through 6 together as explained below. This grouping is referred to a a "Set". Make the following number of sets for your quilt.

**Baby/Twin**  
2 sets

**Lap/Double**  
4 sets

**Queen/King**  
6 sets

**Step 2.** Sew the six strips together as illustrated in diagram 1 using a 1/4" seam allowance. You should use a slightly smaller stitch length when sewing these strips together. This will prevent the stitches from pulling apart when you cut the diagonal strips. Press all the seams in one direction. Try not to stretch the fabrics during the pressing.

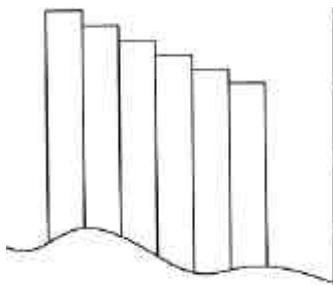


Diagram 1

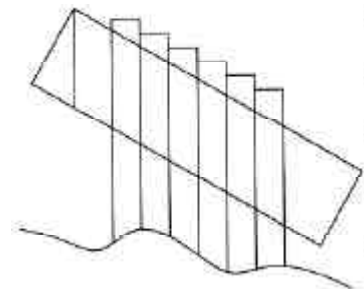


Diagram 2

**Step 4.** Place the ruler on your strips and cut 1 1/2" strips as illustrated in diagram 3. Each set of strips should yield 11 pieces.

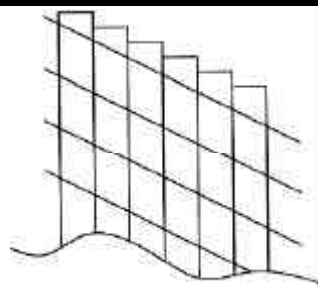


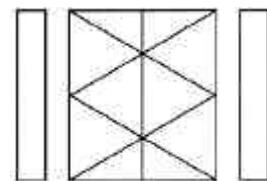
Diagram 3

**Step 5.** After the strips are cut, sew them into four long rows. These rows should meet the length and the width requirements for your quilt.

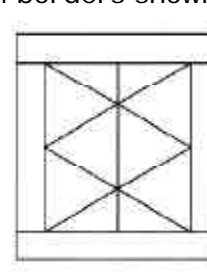
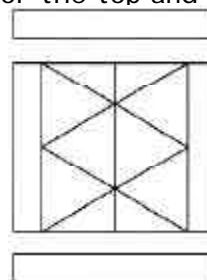
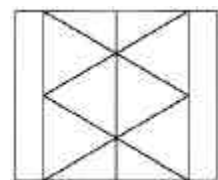


*Hint: You may want to sew a 1/8" basting stitch on each side of these border strips before sewing these onto the quilt. This will help control the stretching of the bias edges as you are sewing the borders onto the quilt.*

**Step 6.** Lay the two longest rows down the center of your quilt. Trim both strips the same length of the quilt, as illustrated to the right.



**Step 7.** Pin the border pieces onto both sides of the quilt. Match the ends and centers first. Then, ease the quilt to fit the border. Sew the two side borders onto the quilt as illustrated to the right. Press the seams towards the border. Repeat this process for the top and bottom borders shown below.



## Yardage for Twisted Star

*These yardages may seem high but remember you are doing foundation paper piecing*

Size With Border	Baby	Twin	Lap	Double	Queen	King
Finished Size w/ border	44 x 50	56 x 80	74 x 80	80 x 92	92 x 95	110 x 110
Sizes: Without Border	30 x 36	36 x 60	54 x 60	60 x 72	72 x 75	90 x 90
Number of Stars	8	16	24	32	45	60

Each fat quarter or strip for the stars should be a different color. You may cut 1/4 yard pieces instead of fat quarters. The number of 1/4 yard pieces is the same as fat quarters.

Light Star Fat Quarters	2	4	6	8	10	15
Dark Star Fat Quarters	2	4	6	8	10	15

You will need to choose 4 main colors for your background. These colors need to be similar in value and texture. If you want to use more than 4 colors for your background, please refer to the Fabric Kit Yardage Chart on page 15.

Background Fabric	Yardage					
Background #1	1/3 yd	1/2 yd	2/3 yd	1 yd	1 1/8 yd	1 7/8 yd
Background #2	1/2 yd	1 yd	1 1/2 yd	2 yd	2 1/2 yd	3 2/3 yd
Background #3	5/8 yd	1 1/8 yd	1 5/8 yd	2 1/8 yd	2 5/8 yd	3 2/3 yd
Background #4	1/3 yd	5/8 yd	7/8 yd	1 yd	1 1/3 yd	1 1/2 yd

The ribbon is made up of six colors that flow from light to dark. Cut the yardage below from each color you select. Border One yardage is included in the yardage below.

Ribbon Colors	1/4 yd	1/2 yd	2/3 yd	1 yd	1 yd	1 7/8 yd
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Border Two can be made using one color, or pieced using the same fabrics used for the backgrounds.

Optional: Border 2-Pieced (yardage for each of 4 colors)	1/3 yd	5/8 yd	7/8 yd	7/8 yd	7/8 yd	1 yd
Optional: Border 2 Single Color	1 yd	2 3/4 yd	2 7/8 yd	3 yd	3 yd	3 3/4 yd
Binding	1/2 yd	2/3 yd	2/3 yd	1 yd	1 yd	1 1/4 yd
Backing	2 1/2 yd	5 yd	5 yd	6 yd	10 yd	10 yd

Applique	Yardage	Extra Foundation Paper available in the following sizes.  Double Queen King
Corner Dahlia	1/4 yd of two colors.	
Center Dahlia	Ten 6" squares of fabric ranging from light to dark in value.	
Bird of Paradise # 1	Four 6" squares of orange fabric ranging from light to dark in value.	
Bird of Paradise # 2	Three 6" squares of pink fabric ranging from light to dark in value and four 6" square of purple fabric ranging from light to dark.	
Dog Wood Rose	Five 6" squares ranging from light to dark in value.	
Pansy	1/8 yard of 5 colors ranging from light to dark.	
Leaves	1/6 yd of an assortment of 12 colors ranging from red, purple, blue & green.	
Apple Blossom	Scraps from your star or other flowers.	
Stems	1 1/4 yd for bias stems.	

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Extra materials may be obtained from local quilt shops or directly from Judy Niemeyer Quilting.

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