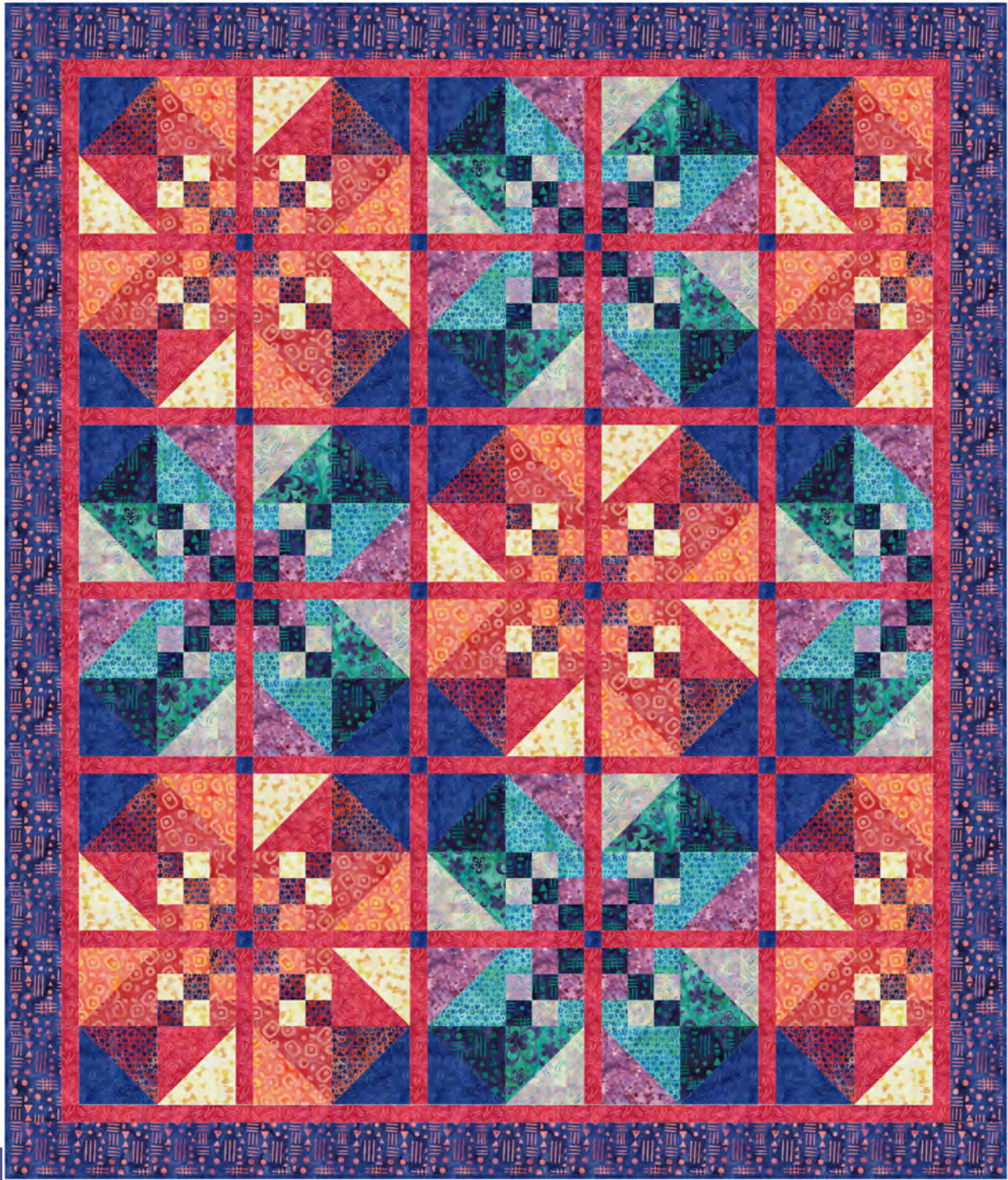


Secret Stars

Rotate the blocks to change the look!



Quilt shown in Groovy batiks
designed by Kate Colleran
for Island Batik of Lumin Fabrics

Lap quilt: 57" x 67"

General Directions

Read through all directions before beginning. Sew using a $\frac{1}{4}$ " seam unless otherwise specified. Seam allowances are built into the cutting directions. All pieces are sewn with right sides together (RST) unless otherwise specified. Cutting directions are based on fabric 40" wide- adjust quantity as needed to fit your fabrics. Fabric requirements for borders allow enough for diagonal piecing. WOF means width of fabric. Follow the arrows for pressing suggestions.

Cutting Directions

****Note:** For this quilt, we will be making Half Square Triangle units. I have listed the exact sizes needed to make the units. BUT, if like me, you want a little wiggle room and are willing to trim your HST units to size, you can cut your squares at $5\frac{1}{2}$ " instead of $5\frac{3}{8}$ ". Strips and squares that can be cut oversized are marked with **.

Fabric A - Blue - block and sashing squares, cut:

3 strips $5\frac{3}{8}$ " x WOF** - sub cut into: 15 squares $5\frac{3}{8}$ " x $5\frac{3}{8}$ "**
sub cut the rest of the last strip into 1 strip $1\frac{1}{2}$ " x $34\frac{1}{2}$ " - sub cut into: 20 squares $1\frac{1}{2}$ " x $1\frac{1}{2}$ "

Fabric B - red and blue print, cut:

2 strips $5\frac{3}{8}$ " x WOF** - sub cut into: 8 squares $5\frac{3}{8}$ " x $5\frac{3}{8}$ "**
8 squares 2" x 2"
2 strips 2" x WOF - sub cut into: 40 squares 2" x 2"

Fabric C - orange print, cut:

2 strips $5\frac{3}{8}$ " x WOF** - sub cut into: 8 squares $5\frac{3}{8}$ " x $5\frac{3}{8}$ "**
12 squares 2" x 2"
1 strip 2" x WOF - sub cut into: 20 squares 2" x 2"

Fabric D - red print, cut:

2 strips $5\frac{3}{8}$ " x WOF** - sub cut into: 8 squares $5\frac{3}{8}$ " x $5\frac{3}{8}$ "**
12 squares 2" x 2"
1 strip 2" x WOF - sub cut into: 20 squares 2" x 2"

Fabric E - off white print, cut:

2 strips $5\frac{3}{8}$ " x WOF** - sub cut into: 8 squares $5\frac{3}{8}$ " x $5\frac{3}{8}$ "**
12 squares 2" x 2"
1 strip 2" x WOF - sub cut into: 20 squares 2" x 2"

Fabric F - dark red print, cut:

2 strips $5\frac{3}{8}$ " x WOF** - sub cut into: 8 squares $5\frac{3}{8}$ " x $5\frac{3}{8}$ "**

Fabric G - dark blue print, cut:

1 strip 5 $\frac{3}{8}$ " x WOF** - sub cut into: 7 squares 5 $\frac{3}{8}$ " x 5 $\frac{3}{8}$ "**
3 strips 2" x WOF - sub cut into: 42 squares 2" x 2"

Fabric H - purple, cut:

1 strip 5 $\frac{3}{8}$ " x WOF** - sub cut into: 7 squares 5 $\frac{3}{8}$ " x 5 $\frac{3}{8}$ "**
2 strips 2" x WOF - sub cut into: 28 squares 2" x 2"

Fabric I - aqua, cut:

1 strip 5 $\frac{3}{8}$ " x WOF** - sub cut into: 7 squares 5 $\frac{3}{8}$ " x 5 $\frac{3}{8}$ "**
2 strips 2" x WOF - sub cut into: 28 squares 2" x 2"

Fabric J - light purple print, cut:

1 strip 5 $\frac{3}{8}$ " x WOF** - sub cut into: 7 squares 5 $\frac{3}{8}$ " x 5 $\frac{3}{8}$ "**
2 strips 2" x WOF - sub cut into: 28 squares 2" x 2"

Fabric K - teal and blue print, cut:

1 strip 5 $\frac{3}{8}$ " x WOF** - sub cut into: 7 squares 5 $\frac{3}{8}$ " x 5 $\frac{3}{8}$ "**

Sashing and Inner Border - (I used more of fabric F), cut:

19 strips 1 $\frac{1}{2}$ " x WOF - sub cut 13 strips into: 49 sashing rectangles 1 $\frac{1}{2}$ " x 9 $\frac{1}{2}$ "
Piece the rest of the strips together across short ends and sub cut into:
2 inner side borders 1 $\frac{1}{2}$ " x 59 $\frac{1}{2}$ "
2 inner top and bottom borders 1 $\frac{1}{2}$ " x 51 $\frac{1}{2}$ "

Outer border - cut:

7 strips 3 $\frac{1}{2}$ " x WOF - piece the strips together across short ends and sub cut into:
2 outer side borders 3 $\frac{1}{2}$ " x 61 $\frac{1}{2}$ "
2 outer top and bottom borders 3 $\frac{1}{2}$ " x 57 $\frac{1}{2}$ "

Binding, cut:

7 strips 2 $\frac{1}{4}$ " x WOF - piece the strips together across short ends for double fold binding

Backing, cut:

2 pieces 66" x WOF - piece together along 66" length and sub cut into a backing about 66" wide x 76" long.

Blocks

You will make 2 blocks for this quilt. The blocks are made the same; they just use different fabrics. The blocks consist of Half Square Triangle (HST) units and 9 patch units. We will make the units for both blocks and then put the blocks together.

Half Square Triangle (HST) Units

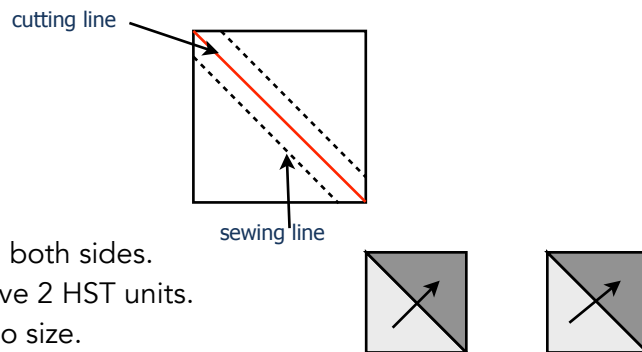
We will be using the 2 at once method- see steps 1 - 3. Specific fabric instructions start with step 4.

Step 1

Draw one diagonal line corner to corner on the wrong side of lightest square.

Step 2

Layer a square of one fabric RST with a square of the other fabric.

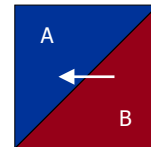


Step 3

Sew $\frac{1}{4}$ " away from the diagonal line on both sides.
Cut along the diagonal line. You will have 2 HST units.
If you cut your squares oversized, trim to size.

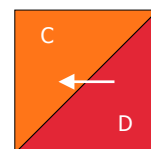
Step 4

Follow the HST instructions in steps 1- 3 and use the 8 fabric A and fabric B $5\frac{3}{8}$ " squares to make 16 HST units for block 1.
HST units should measure 5" x 5".



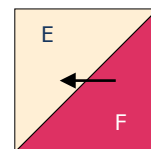
Step 5

Follow the HST instructions in steps 1- 3 and use the 8 fabric C and fabric D $5\frac{3}{8}$ " squares to make 16 HST units for block 1.
HST units should measure 5" x 5".



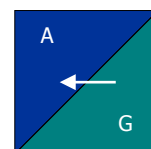
Step 6

Follow the HST instructions in steps 1- 3 and use the 8 fabric E and fabric F $5\frac{3}{8}$ " squares to make 16 HST units for block 1.
HST units should measure 5" x 5".



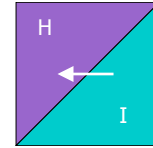
Step 7

Follow the HST instructions in steps 1- 3 and use the 7 fabric A and fabric G $5\frac{3}{8}$ " squares to make 14 HST units for block 2.
HST units should measure 5" x 5".



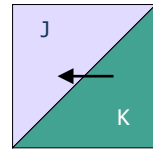
Step 8

Follow the HST instructions in steps 1- 3 and use the 7 fabric H and fabric I 5 3/8" squares to make 14 HST units for block 2. HST units should measure 5" x 5".



Step 9

Follow the HST instructions in steps 1- 3 and use the 7 fabric J and fabric K 5 3/8" squares to make 14 HST units for block 2. HST units should measure 5" x 5".



Nine Patch Units

Step 10 - for block 1

Refer to the block 1 nine patch unit assembly diagram below and sew a fabric B 2" square to a fabric E 2" square. Sew a fabric D 2" square to the end of the row. Press away from fabric E. Top row should measure 2" x 5". Make 16 top rows.

Step 11

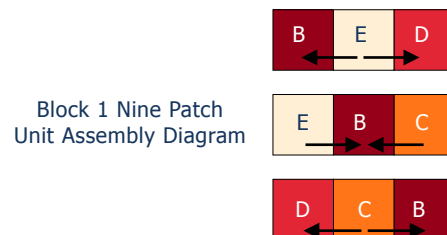
Sew a fabric E 2" square to a fabric B 2" square. Sew a fabric C 2" square to the end of the row. Press towards fabric B. Middle row should measure 2" x 5". Make 16 middle rows.

Step 12

Sew a fabric D 2" square to a fabric C 2" square. Sew a fabric B 2" square to the end of the row. Press away from fabric C. Bottom row should measure 2" x 5". Make 16 bottom rows.

Step 13

Sew all the rows together. Press rows to one side. The block 1 nine patch unit should measure 5" x 5". Make 16 units for block 1.



Step 14 - for block 2

Refer to the block 2 nine patch unit assembly diagram on page 5 and sew a fabric G 2" square to a fabric J 2" square. Sew a fabric I 2" square to the end of the row. Press away from fabric J. Top row should measure 2" x 5". Make 14 top rows.

Step 15

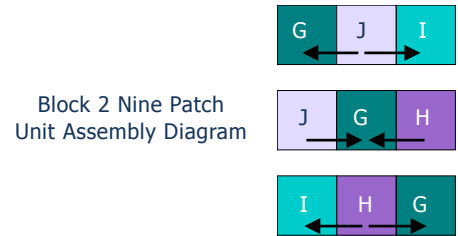
Sew a fabric J 2" square to a fabric G 2" square. Sew a fabric H 2" square to the end of the row. Press towards fabric G. Middle row should measure 2" x 5". Make 14 middle rows.

Step 16

Sew a fabric I 2" square to a fabric H 2" square. Sew a fabric G 2" square to the end of the row. Press away from fabric H. Bottom row should measure 2" x 5". Make 14 bottom rows.

Step 17

Sew all the rows together. Press rows to one side.
The block 2 nine patch unit should measure 5" x 5".
Make 14 units for block 2.



Block 1

Step 18

Refer to the block 1 assembly diagram and sew an A/B HST unit to a C/D HST unit. Press to C/D unit.

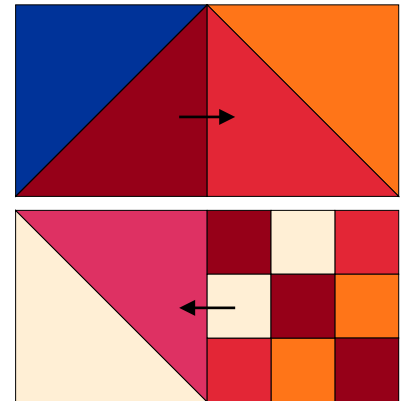
Step 19

Sew an E/F HST unit to a block 1 nine patch unit. Press to E/F unit.

Step 20

Sew the top row to the top of the bottom row. Swirl the center seams. Block 1 should measure 9 1/2" x 9 1/2". Make 16 of block 1.

Block 1 Assembly Diagram



Block 2

Step 21

Refer to the block 2 assembly diagram and sew tan A/G HST unit to a H/I HST unit. Press to H/I unit.

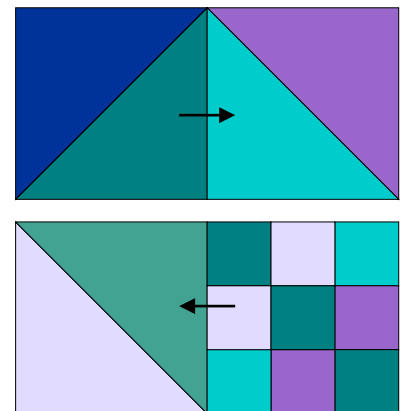
Step 22

Sew a J/K HST unit to a block 2 nine patch unit. Press to J/K unit.

Step 23

Sew the top row to the top of the bottom row. Swirl the center seams. Block 2 should measure 9 1/2" x 9 1/2". Make 14 of block 2.

Block 2 Assembly Diagram



Quilt

Lay out the blocks and determine a pleasing arrangement. You can organize your blocks the way shown in the quilt assembly diagram or rotate them to come up with your own arrangement! The quilt has 6 rows with 5 blocks in each row.

Step 24

Refer to the quilt assembly diagram on page 6 and sew each block row with a 1 1/2" x 9 1/2" sashing in between the blocks. Block rows should measure 9 1/2" x 49 1/2". Press to sashing. Make 6 block rows.

Step 25

Sew 5 1 1/2" x 9 1/2" sashing rectangles together with a 1 1/2" sashing square in between the rectangles. Press to sashing rectangles. Sashing row should measure 1 1/2" x 49 1/2". Make 5 sashing rows.

Step 26

Sew the rows together with a sashing row in between the blocks rows. Press to sashing row. Quilt top should measure 49 1/2" wide x 59 1/2" long.

Step 27

Sew a 1 1/2" x 59 1/2" inner border to both sides of the quilt top. Press to border.

Step 28

Sew a 1 1/2" x 51 1/2" inner border to the top and bottom of the quilt top. Press to border.

Step 29

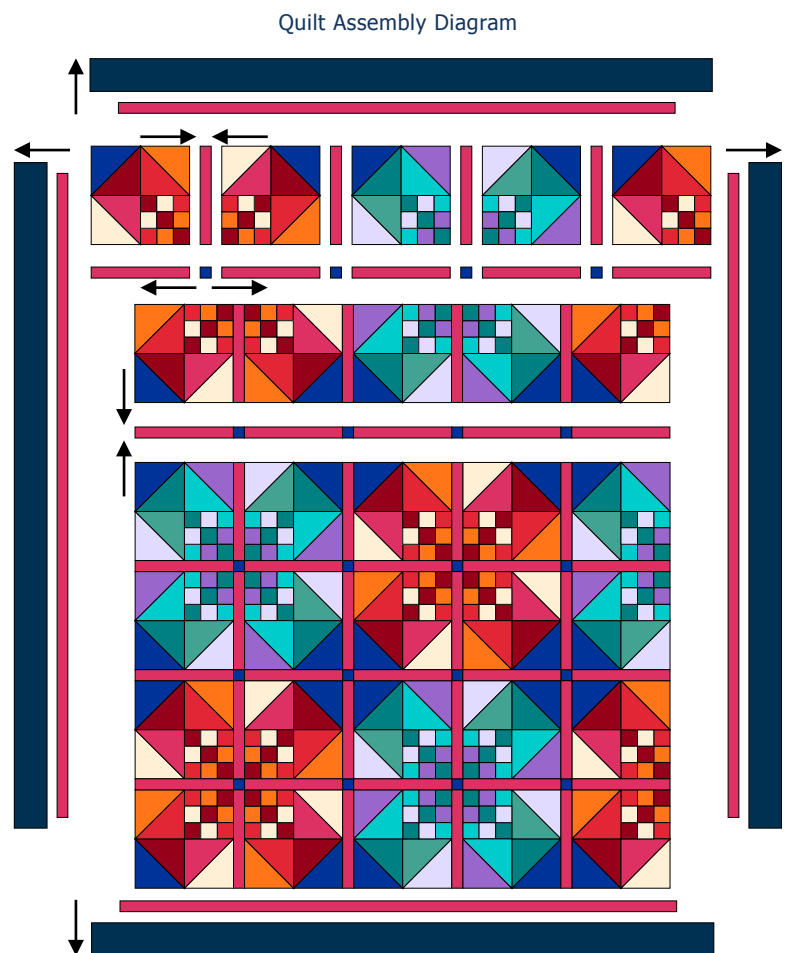
Sew a 3 1/2" x 61 1/2" outer border to both sides of the quilt top. Press to border.

Step 30

Sew a 3 1/2" x 57 1/2" outer border to the top and bottom of the quilt top. Press to border. Quilt top should measure 57 1/2" wide x 67 1/2" long.

Step 31

Layer you quilt top with batting and backing and quilt as desired. Bind with binding strip. Don't forget to add a label so everyone knows who made this lovely quilt!
Ta-done!



Secret Stars

Fabric amounts based on fabric 40" wide.

Fabric amounts are rounded up to the next 1/8 yard.
Get extra if you want to allow for shrinkage or for cutting insurance.

Fabric	Groovy Fabric	Lap Quilt 57" x 67"
Fabric A - blue- block and sashing sqs	412605555	5/8 yard
Fabric B - red and blue print	412603816	1/2 yard
Fabric C - orange print	412602315	1/2 yard
Fabric D - red print	412602330	1/2 yard
Fabric E - off white print	412606203	1/2 yard
Fabric F - dark red print	412605335	3/8 yard
Fabric G - dark blue print	412601450	1/2 yard
Fabric H- purple	412606425	3/8 yard
Fabric I - aqua	412603915	3/8 yard
Fabric J - light purple print	412605100	3/8 yard
Fabric K - teal and blue print	412604950	1/4 yard
Sashing and Inner Border (I used more of fabric F)	412605335	7/8 yard
Outer Border	412601575	3/4 yard
Binding - (I used more of fabric A)	412605555	1/2 yard
Backing	412602945	3 3/4 yards
Batting		61" x 71"



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