

Smashing Atoms 108"



Quilt size: 56" x 66"

Skill Level: Intermediate

Quilt 1

Designed by Denise Russell



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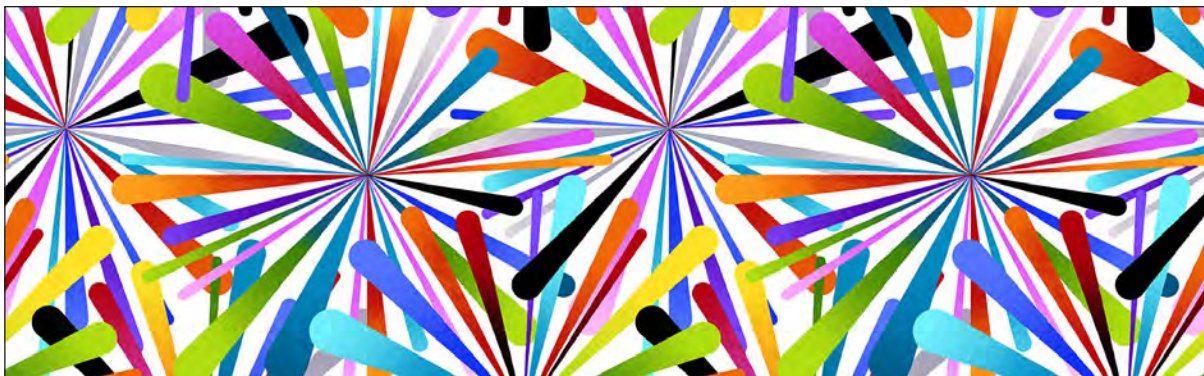
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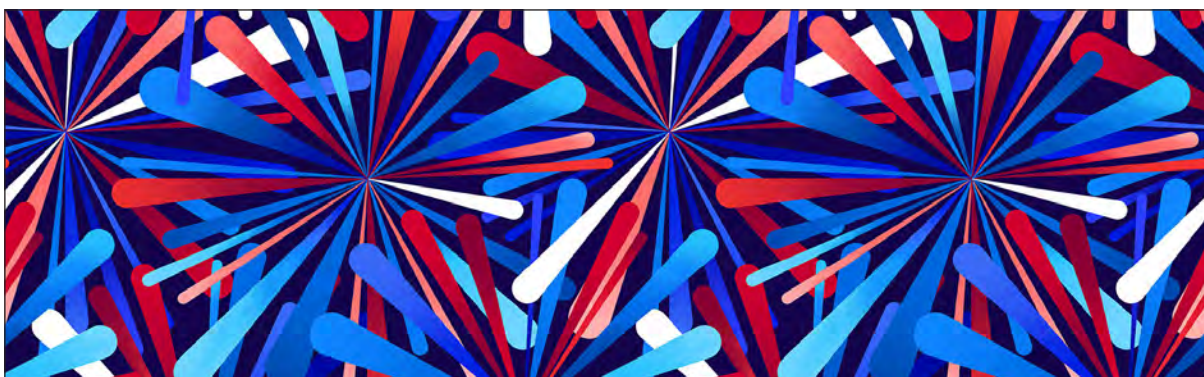


Smashing Atoms 108"

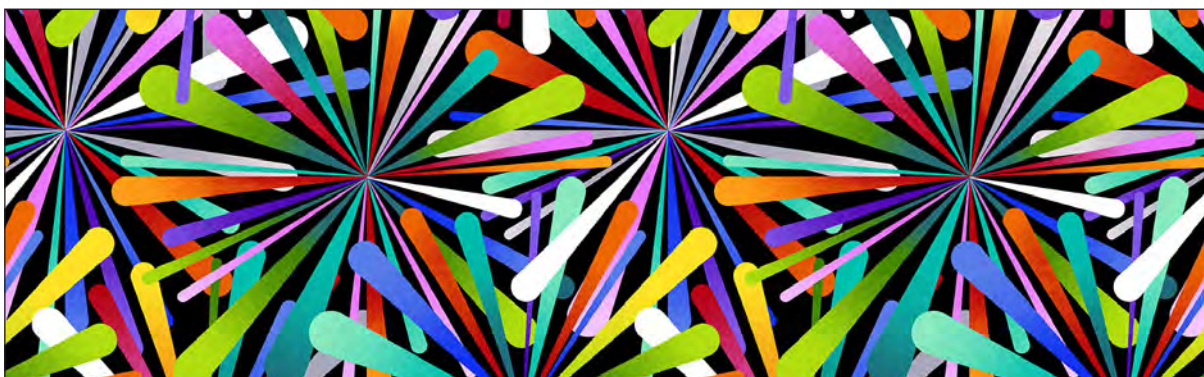
Fabrics in the Collection



2390W-1 White Multi



2390W-78 Patriotic



2390W-99 Black Multi

Selected fabrics from
the Modern Melody
Collection



1063-01 Pigment White



1063-99 Black

Smashing Atoms 108" - Quilt 1

Page 1

Materials

Yardages and cutting instructions are based on 42" of usable fabric width.

7/8 yard 2390W-1 Multi-White
7/8 yard 2390W-78 Patriotic
1-5/8 yards 2390W-99 Multi-Black
2-1/8 yards 1063-01 Modern Melody-White
5 yards 1063-99 Modern Melody-Black
4 yards 2390W-1 Multi-White for backing
64" x 74" piece of batting
Tracing Paper

Cut Fabrics

Note: *All strips are cut across the width of the fabric (WOF) from selvage to selvage unless otherwise noted. If cut across the length of the fabric (LOF), the **LOF** notation will be indicated.*

From 2390W-1 Multi-White:

*Cut four 6-1/2" x WOF strips. Sub-cut sixty 2-3/4" x 6-1/2" rectangles.

From 2390W-78 Patriotic:

*Cut four 6-1/2" x WOF strips. Sub-cut sixty 2-3/4" x 6-1/2" rectangles.

From 2390W-99 Multi-Black:

*Cut eight 6-1/2" x WOF strips. Sub-cut 120 2-3/4" x 6-1/2" rectangles.

From 1063-01 Modern Melody-White:

*Cut eight 6-1/2" x WOF strips. Sub-cut 120 2-3/4" x 6-1/2" rectangles.

*Cut six 3-1/2" x WOF strips for the border.

From 1063-99 Modern Melody-Black:

*Cut twenty-four 6-1/2" x WOF strips. Sub-cut 360 2-3/4" x 6-1/2" rectangles.

*Cut seven 2-1/2" x WOF strips for binding.

Assemble Blocks

Notes:

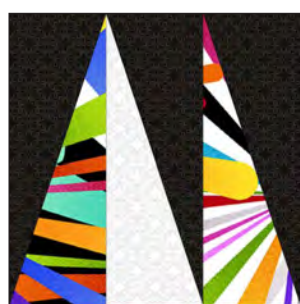
- Measurements include 1/4" seam allowances. Sew with right sides together unless otherwise stated. If no direction is specified, press seams toward darker fabric.*
- Group the fabric pieces by foundation piecing section as listed on Table 1.*

1. Trace the foundation templates A, B, C, and D onto the tracing paper including the numbers. Stack ten tracing sheets under each sheet you just traced and staple the stacks once or twice. Using the sewing machine with an old, small gauge needle and no thread (even in the bobbin), set the stitch length to 10-12 stitches per inch and carefully sew on the lines (except the outside edges). [Alternatively, hand trace each quarter block thirty times]. Repeat to make a total of thirty copies of each block quarter. Copy numbers onto each one.

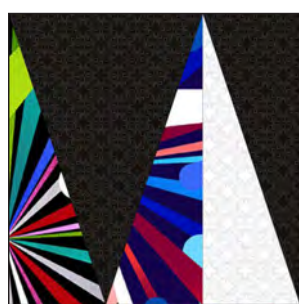
2. Use the pieces mentioned on Table 1 and thirty foundation paper templates of each type to complete the sections for the blocks (*figure 1*, next page).

Fabric	Location	(Quantity) Size of fabric pieces
2390W-99 Black Multi	A2, B6, C4, D6	(120) 2-3/4" x 6-1/2" rectangles
2390W-1 White Multi	A5 and C2	(60) 2-3/4" x 6-1/2" rectangles
2390W-78 Patriotic	B3 and D2	(60) 2-3/4" x 6-1/2" rectangles
1063-01 Modern Melody-White	A3, B4, C5, D3	(120) 2-3/4" x 6-1/2" rectangles
1063-99 Modern Melody-Black	A1, A4, A6, B1, B2, B5, C1, C3, C6, D1, D4, D5	(360) 2-3/4" x 6-1/2" rectangles

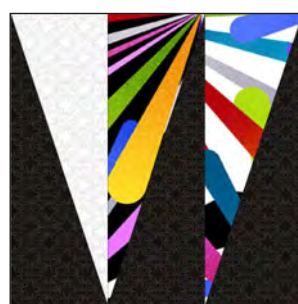
Table 1 – Foundation piecing sections and fabrics.



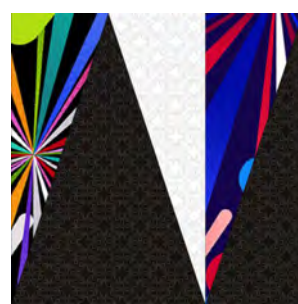
Section A



Section B



Section C



Section D

Figure 1 – Make 30 of each.

3. Sew together sections A and B to make thirty strips. Press the seams in one direction. Repeat with sections C and D. Press the seams in the opposite direction (*figure 2*).



Sections A/B



Sections C/D

Figure 2 – Make 30 of each.

4. Sew the step 3 CD strips to the AB strips to make thirty 10-1/2" blocks (*figure 3*, next page). Press the seams open.

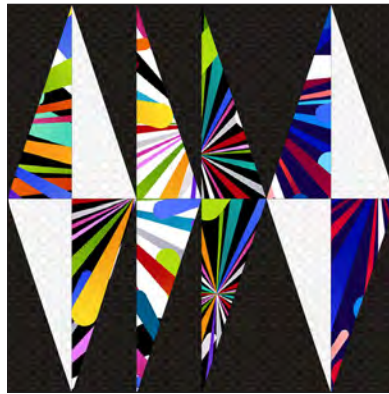


Figure 3 - Make 30.

Assemble Quilt Top

5. Following the quilt photo for block orientation, lay out six rows of five blocks each. Sew the blocks together in each row, then matching adjacent seams sew the rows together in order. Remove foundation papers from the blocks.

6. For the border, sew together the six 3-1/2" 1063-01 Modern Melody-White strips end to end using diagonal seams. Measure the vertical length of the quilt top through the center and cut two border strips that length. Sew one strip to each side of the quilt top. Measure the width of the quilt top through the center. Cut two border strips that length and sew one to the top and one to the bottom. Press the seams toward the borders.

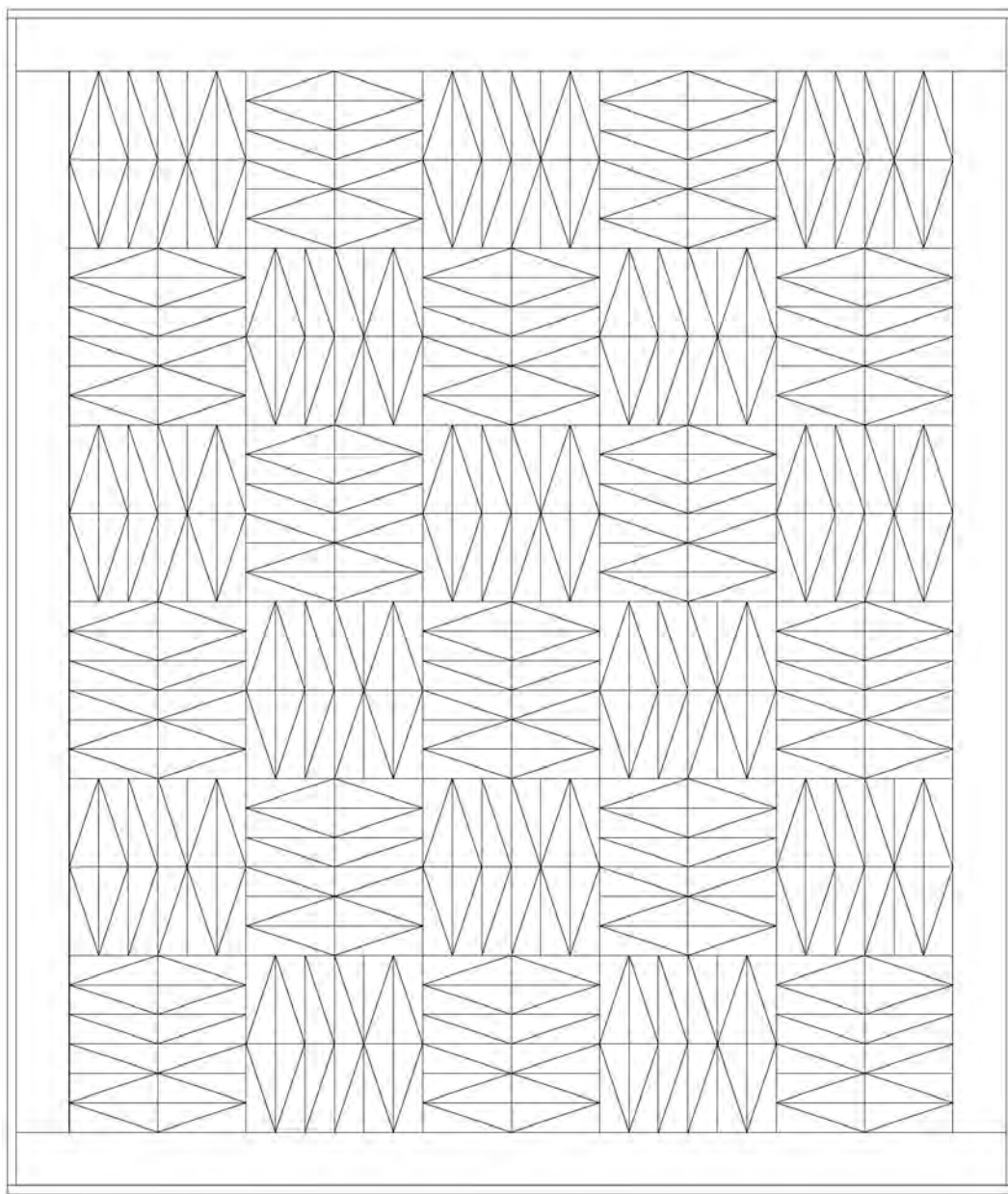
Finishing

7. Create a quilt sandwich with the batting between the quilt top and the backing. Pin or baste layers together, mark quilting design, and quilt by hand or machine. When quilting is complete, remove pins or basting, and trim batting and backing even with raw edges of the quilt top.

8. Join the seven 2-1/2" 1063-99 Modern Melody-Black binding strips together end to end using a diagonal seam to make one long strip. Fold in half lengthwise and press. Sew binding to the edges of the table runner, mitering corners, and overlapping ends. Fold binding to the back of the runner and stitch it in place by hand to finish.

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Quilt Diagram

Foundation Templates

