CHAIN REACTION

One block with "sew" many possibilities!

Measurements include ¼” seam allowance. Sew with right sides together unless otherwise stated. Read all instructions before starting.

Please check our website www.rileyblakedesigns.com/pattern-updates for any revisions before starting this project. This pattern requires a basic knowledge of quilting technique and terminology. The quilt and block diagrams portrayed are virtual images. The layout and look of your project may differ when using actual fabric.

CHAIN BLOCK
This simple block is made from 1 Base square and 2 Corner squares. Use the fabric cutting table to choose a stacker friendly block size or replace the "x" with your desired finished block size.

Cutting Requirements

<table>
<thead>
<tr>
<th>Finished Block Size</th>
<th>Cut 1 Base Square</th>
<th>Cut 2 Corner Squares</th>
</tr>
</thead>
<tbody>
<tr>
<td>4½&quot;</td>
<td>5&quot;</td>
<td>2¾&quot;</td>
</tr>
<tr>
<td>9½&quot;</td>
<td>10&quot;</td>
<td>5¼&quot;</td>
</tr>
<tr>
<td>x</td>
<td>x+½&quot;</td>
<td>(x/2)+½&quot;</td>
</tr>
</tbody>
</table>

Block Assembly
Draw a diagonal line on the wrong side of the Corner squares.

Place a Corner square in the upper right corner of the Base square, right sides together (RST), with the drawn line running across the corner. Sew on the drawn line. Trim the seam allowance above the sewn line to ¼”. Flip the top piece away from the bottom piece and press.

Repeat to sew a Corner square to the lower left corner of the Base square to create one Chain block.

Quilt Layouts 1 and 2
The layouts provided are just a couple of the plethora of designs that can be made from this one block.

To make quilts 1 or 2, pick a finished block size and use the layouts for color placement.

Make the number of Chain blocks you will need of each color. Keep in mind that quilt layout 1 requires groups of four Chain blocks in each color, whereas quilt layout 2 is more scrappy.

Sew the blocks together into groups of 4, adding a center square and background strips, to make Cross Blocks.

Suggested background strip sashing widths: 2" finished (2½" cut).

Sew sashing strips between the Cross Blocks to make Block Rows.

Sew sashing strips and connector squares together into Sashing Rows.

Sew the Sashing Rows between the Block Rows and add a simple border.

Quilt and bind with your favorite Riley Blake print.

But wait there's more! By removing one Corner square from the Chain Block, a Chain Reaction occurs that opens up more possibilities!

ALTERNATE CHAIN BLOCK
This simple block is made from 1 Base square and 1 Corner square. Use the fabric cutting table to choose a stacker friendly block size or replace the "x" with your desired finished block size.

Cutting Requirements

<table>
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<td>x</td>
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<td>(x/2)+½&quot;</td>
</tr>
</tbody>
</table>
CHAIN REACTION

**Block Assembly**
Follow the first 2 steps of the Chain block assembly.

**Quilt Layouts 3 and 4**
The layouts provided are just a couple of the plethora of designs that can be made from this Alternate Chain block.

To make quilts 3 or 4, pick a finished block size and use the layouts for color placement.

Make the number of blocks of each color.

Sew the Alternate Chain blocks together into groups of 4, adding a center square and background strips, to make Windmill Blocks. Each block should have 2 Alternate Chain Blocks that match the center square.

Suggested background strip size: 2" finished (2½" cut) for a 4½" or 9¼" finished Alternate Chain block.

**For Layout 3 Only**
Sew the Windmill blocks together into Rows.

Sew the Rows together to complete the quilt center.

**For Layout 4 Only**
Sew sashing strips between the Windmill Blocks to make Block Rows.

Sew the Sashing between the Block Rows.

**For Layouts 3 and 4**
Add a simple border.

Quilt and bind with your favorite Riley Blake print.