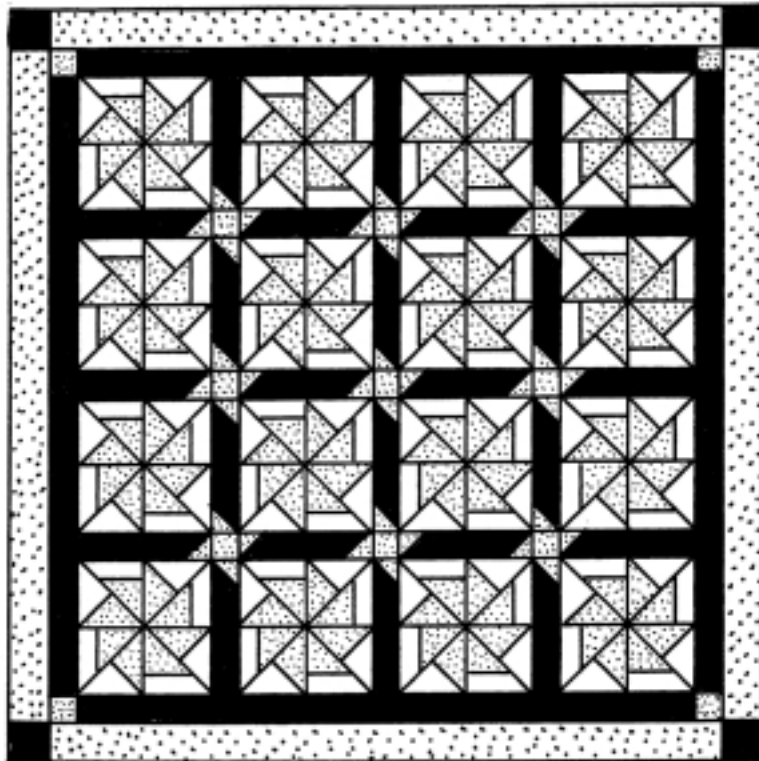


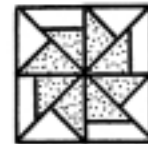
SPINNING PINWHEELS PROJECT

An Original Design for Checker
by Lynne Edwards

This quick and easy design gives the opportunity to use the extra $\frac{1}{2}$ " feature on the Creative Grids Turn a Round $6\frac{1}{2}$ " x $18\frac{1}{2}$ " ruler, the large 45° ruler and a Turn a Round square ruler.
Instructions written by Lynne Edwards for Checker and Creative Grids rulers.



Size of block: 10" x 10"



Size of quilt: 56" x 56"

The quilt is made from eight toning fabrics for the Spinning Pinwheel and two background fabrics used alternately in the blocks.

The blocks are separated with sashing strips and a final 4" border added.

Fabric requirements:

2 squares each of 8 fabrics, each cut 9" x 9".

Background fabrics: 30" each of 2 different background fabrics each 42"-44" wide.

Sashing: 1 yd sashing fabric plus 6" of fabric 42"-44" wide for the contrast cornerstones.

Border: 30" of fabric 42"-44" wide.

Binding: 15" of fabric 42"-44" wide.

Construction:

This technique makes 8 blocks form the initial 8 squares of pinwheel fabrics, so cut and make the first 8 blocks and then repeat the process to make the other 8 blocks.

1. From each of the chosen pinwheel fabrics cut 2 squares, each measuring 9" x 9".

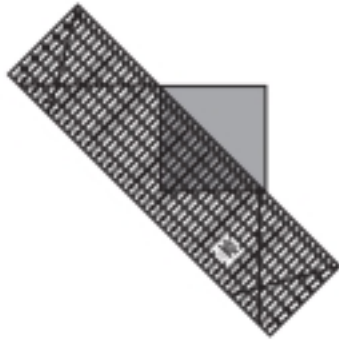
Take one square of each fabric and arrange them in a sequence that pleases you. Remember that the last fabric will link up with the first fabric in this Pinwheel design. Note the order of the fabrics on a piece of paper and number each one.

Cutting the Squares:

Use a Creative Grids ruler $6\frac{1}{2}$ " x $18\frac{1}{2}$ " or the longer $6\frac{1}{2}$ " x $24\frac{1}{2}$ " version.

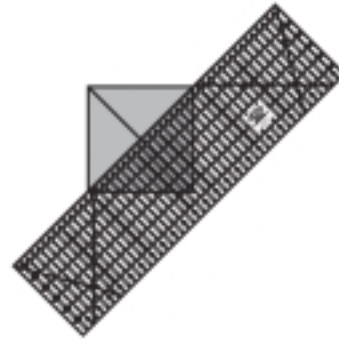
2. Place the squares of fabric numbered 1 - 4 on top of each other with 1 at the top and 4 at the bottom, all right side upwards. You can cut all 8 squares at once if you wish, but I prefer to cut just 4 layers at once. Line up the cut edges of the squares exactly. Use the ruler to cut the squares diagonally from corner to corner (Fig.1). Repeat this from the other corner to corner diagonally (Fig.2).

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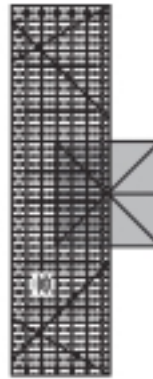


3. Place the ruler with the extra $\frac{1}{2}$ " edge horizontally across the centre of the fabric and the bottom edge of the fabric matching the $4\frac{1}{2}$ " marking on the ruler (Fig.3). Cut across the fabric squares.
4. Place the ruler with the extra $\frac{1}{2}$ " edge vertically down the centre of the fabric with the left hand edge of fabric matching the $4\frac{1}{2}$ " marking on the ruler (Fig.4). Lefthanders should work from the right hand side of the fabric. Cut through the fabric squares vertically. The 4 layers are now cut into 8 triangles (Fig.5).

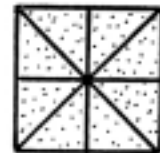
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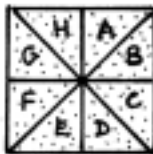


5. Repeat this with the squares of fabric numbered 5 - 8, with fabric 5 at the top and fabric 8 at the bottom of the pile.
Carefully place the 1st set of cut squares on top of the new set so that the order of fabrics goes in sequence from 1 at the top to 8 on the bottom.

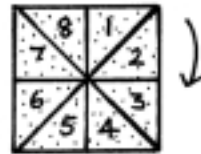
Arranging the pieces:

6. Pick up the pile of triangles marked A in Fig.6. Arrange them in a cut square, starting with the top fabric 1 in position A and working round clockwise to finish with fabric 8 (Fig.7).
7. Turn pieces 1, 3, 5 and 7 to make the arrangement shown in Fig.8.

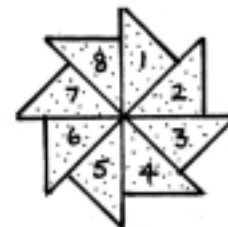
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7.



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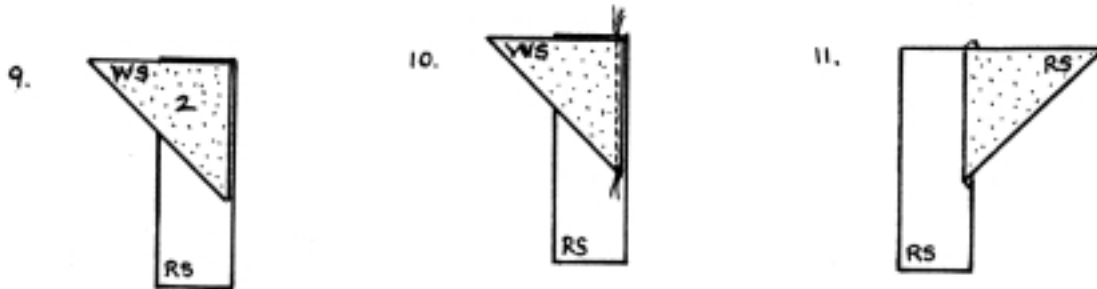


Making the block:

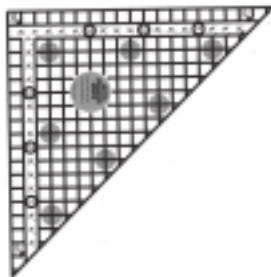
8. From each of the 2 background fabrics cut 4 squares measuring 9" x 9" and 32 strips measuring 2" x 6 $\frac{1}{4}$ ". Cut each fabric square into 8 pieces like the pinwheel fabrics in Fig.5.
9. Take the pinwheel triangle numbered 2 in Fig.8. Place the triangle on a cut strip of background fabric with right sides facing as in Fig.9. The square corner of the triangle should match the top corner of the strip. Pin and stitch the triangle to the strip with the usual $\frac{1}{4}$ " seam allowance (Fig.10).

3.

Press the triangle out from the strip, ironing from the front of the work (Fig.11). Press the seam towards the triangle.



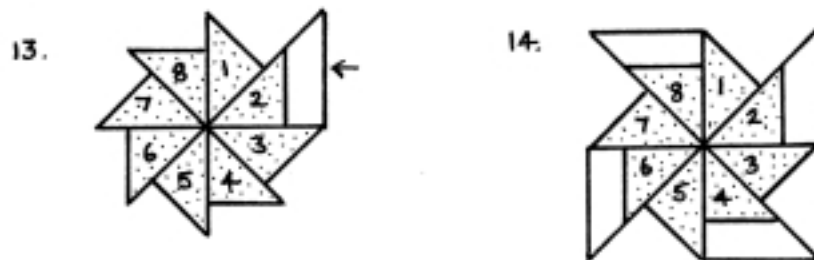
12.



Trimming the triangles:

10. Use a large Creative Grids 45° Triangle ruler to trim the strip to match the edge of the triangle. Place the triangle ruler onto the fabric, matching the fabric edges of the triangle with the edges of the ruler (Fig.12). Trim off the overhanging strip of background fabric strip along the edge of the ruler as shown.

11. Place the pieced triangle back in the block (Fig.13). Repeat this process with triangles 4, 6 and 8. Place them back in the design (Fig.14).

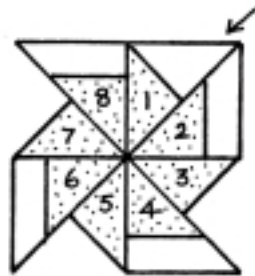


12. Take triangle 1 from the design. Arrange it with a triangle of background fabric as in Fig.15. The square corners should be positioned as shown. Pin and stitch the 2 triangles together. Press the seam towards triangle 1, ironing from the front of the work (Fig.16).

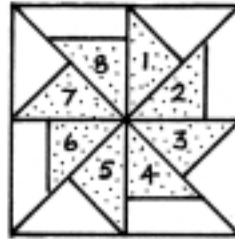


13. Place the joined triangles back in the block (Fig.17). Repeat this process with triangles 3, 5 and 7. Place them back in the design (Fig.18).

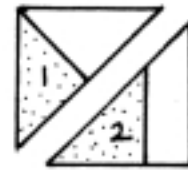
17.



18.



19.



14. Take pieces 1 and 2. These need to be joined together along the diagonal seams (Fig.19). Pin and stitch the 2 pieces together. Take care not to stretch the bias edges of the fabric as you stitch. Press the seam towards piece 1. Repeat this to join pieces 3 and 4, then 5 and 6, then 7 and 8.

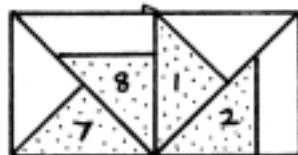
Trimming the squares:

15. Use a Creative Grids Turn a Round Square $6\frac{1}{2}'' \times 6\frac{1}{2}''$ or larger to trim the squares to exactly $5\frac{1}{2}'' \times 5\frac{1}{2}''$. Repeat this with the other 3 pieces of the design and arrange them back into the pinwheel block in Fig. 18.

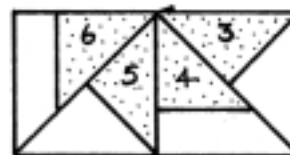
Joining the block:

16. Pin and stitch the top 2 squares together, matching seams carefully. Press the seam to the left, ironing from the front of the block (Fig.20).
 17. Pin and stitch the bottom 2 squares together. Press the seam to the right (Fig.21). Finally join the 2 halves together, matching the centre seams carefully. Press the final long seam to one side.

20.



21.



Varying the blocks:

The remaining blocks can be arranged exactly as block 1, or varied as follows:

1. Block 2: pick up the pile of triangles marked B in Fig.6. Arrange them in a cut square, beginning with the top fabric 1 in position b in Fig.6 and working round clockwise to finish with fabric 8 (Fig.22).

Once the fabrics are in position ignore their numbers and just follow the instructions as for block 1. All the fabrics will have shifted round one place in the circular design, which gives a very different effect.

22.



2. Block 3: pick up the pile of triangles marked C in Fig.6. Arrange them in the cut square beginning with the top fabric 1 in position C in Fig.6 and work round clockwise as before. Again, follow the instructions for block 1 using this new arrangement of triangles.
 3. Block 4: use the triangles marked D in Fig.6 and start laying them out with fabric 1 in position D in Fig.6.
 4. Block 5: use the triangles marked E in Fig.6 and start laying them out with fabric 1 in position E in Fig.6.

Block 6 starts at F, block 7 at G and block 8 at H. The completed blocks will all have a different layout.

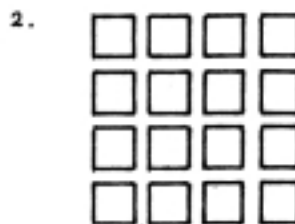
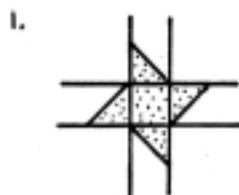
Repeat this whole process with the 2nd set of 8 squares to make another 8 blocks.

Sashing the blocks:

The 16 blocks are sashed with pieced cornerstones that echo the pinwheel design of the block (Fig.1).

1. Arrange the 16 blocks in 4 rows each with 4 blocks (Fig.2).

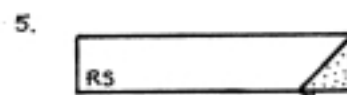
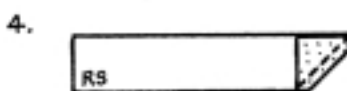
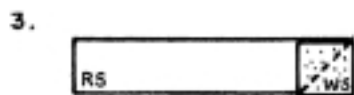
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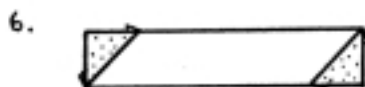
2. From the sashing fabric cut 24 strips each measuring 2" x 10½". From the fabric for the cornerstones cut 45 squares each measuring 2" x 2".
3. To 12 of the cut sashing strips pin a square of cornerstone fabric at one end. Stitch diagonally across the square as in Fig.3.

TIP: the cornerstones must **always** be stitched in the same direction as shown in Fig.3.

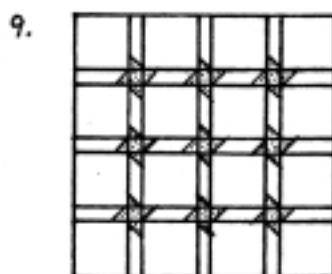
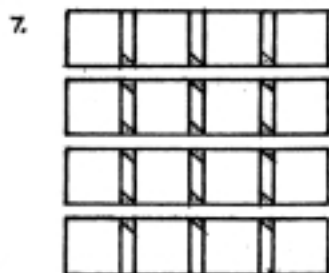
Trim both fabrics ¼" beyond the stitched line (Fig.4). Press the cornerstone piece away from the strip, ironing from the front of the work (Fig.5).



4. In the same way, pin and stitch a square of cornerstone fabric to both ends of the other 12 sashing strips (Fig.6).



5. Pin and stitch 12 sashing strips between the 2 rows of blocks (Fig.7). Press the seams towards the sashing.
6. Join 4 sashing strips and 3 squares of cornerstone fabric together (Fig.8).



7. Make 2 more joined strips as in Fig.8.
8. Pin and stitch the 3 long joined strips between the rows of blocks, matching the seams carefully (Fig.9). Press the seams towards the sashing.
9. Frame the quilt with a border of sashing fabric cut 2½" wide (finished width 2"). Add a second frame of one of the pinwheel fabrics cut 4" or piece a border with left-overs from the pinwheel fabrics.