

WHIRLPOOLS

Designed by Janice Averill

**This quilt design may look like it took more
than one kind of block to make
but all it takes is one very special block!**









Approximate finished size 72" x 92"

Choose a color that will be the focus color for your quilt,

Next look for three values of your focus color; one light, one medium and one dark

Now choose two colors to coordinate with the focus color; one light and one medium.

The medium coordinate should contrast slightly with the medium value of the focus color.

 Focus Color – Dark: 2 1/4 yards	 Coordinate – Light: 1 1/2 yards
 Focus Color – Medium: 2 1/8 yards	 Coordinate – Medium: 1 1/2 yards
 Focus Color – Light: 3 1/3 yards	 Binding: Focus Color – Medium: 3/4 yard
Backing: 5 3/4 yards	

Design Tip: when choosing your fabrics it's helpful to view your choices in gray-scale values instead of in color. When you print out the pattern instructions, make an extra copy of the cover page using the "High Quality Grayscale" or "Black Ink Only" settings, found under "Advanced", for your Printer Properties.

Before you begin your project...

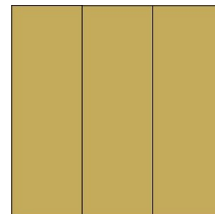
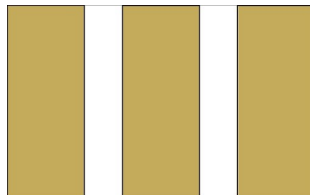
- ♦ It is recommended that you wash, dry, press & starch all your fabric before starting.
- ♦ Read all pattern directions from beginning to end at least once.
- ♦ Create a fabric key to use as a reference through out the directions.
- ♦ If your are comfortable with it, you may want to cut multiple layers to speed up the cutting process.
- ♦ All seams are sewn with the fabrics right sides together unless stated otherwise.
- ♦ Measurements include $\frac{1}{4}$ " seam allowances.
- ♦ To stay organized, label plastic bags and as you cut place the units in their designated bag.

To stay organized, cut 1" swatches of your fabrics and paste them into place on this page.

Use this page as a reference through out cutting and sewing the quilt.

Focus Color Dark	Focus Color Medium	Focus Color Light	Coordinate Medium	Coordinate Light

- ♦ You can check the accuracy of your $\frac{1}{4}$ " seam by sewing together 3 strips cut at $1\frac{1}{2}$ " x $3\frac{1}{2}$ " along the long side of the strip using a $\frac{1}{4}$ " seam . The unit should measure $3\frac{1}{2}$ " x $3\frac{1}{2}$ " when you're done.



Quilting Abbreviations

- WOF = width of fabric - perpendicular to selvage
- LOF = length of fabric - parallel to the selvage
- WS = Wrong Side of Fabric
- RS = Right side of Fabric
- HST = Half Square Triangle
- QST = Quarter Square Triangle

Focus Color – Dark

Cut 4 @ $3\frac{1}{8}$ " x WOF; sub cut 48 @ $3\frac{1}{8}$ " x $3\frac{1}{8}$ " **Unit B**, divide each once diagonally for Flying Geese units
 Cut 22 @ $2\frac{7}{8}$ " x WOF; sub cut 264 @ $2\frac{7}{8}$ " x $2\frac{7}{8}$ " **Unit A** for HST units

Focus Color – Medium

Cut 9 @ $4\frac{1}{2}$ " x WOF; join 4 strips using diagonal seams for Outer Border
 Join 5 strips using diagonal seams for Outer Border
 Cut 8 @ $2\frac{7}{8}$ " x WOF; sub cut 96 @ $2\frac{7}{8}$ " x $2\frac{7}{8}$ " **Unit A** for HST units

Focus Color – Light

Cut 4 @ $5\frac{1}{2}$ " x WOF; sub cut 24 @ $5\frac{1}{2}$ " x $5\frac{1}{2}$ " **Unit C**, divide twice diagonally for Flying Geese units
 Cut 8 @ $3\frac{1}{8}$ " x WOF; sub cut 96 @ $3\frac{1}{8}$ " x $3\frac{1}{8}$ " **Unit B**, divide each once diagonally for Flying Geese units
 Cut 20 @ $2\frac{7}{8}$ " x WOF; sub cut 240 @ $2\frac{7}{8}$ " x $2\frac{7}{8}$ " **Unit A** for HST units
 Cut 3 @ $2\frac{1}{2}$ " x WOF; sub cut 48 @ $2\frac{1}{2}$ " x $2\frac{1}{2}$ " **Unit D**

Coordinate – Light

Cut 4 @ $5\frac{1}{2}$ " x WOF; sub cut 24 @ $5\frac{1}{2}$ " x $5\frac{1}{2}$ " **Unit C**, divide twice diagonally for Flying Geese units
 Cut 6 @ $2\frac{7}{8}$ " x WOF; sub cut 72 @ $2\frac{7}{8}$ " x $2\frac{7}{8}$ " **Unit A** for HST units
 Cut 3 @ $2\frac{1}{2}$ " x WOF; sub cut 48 @ $2\frac{1}{2}$ " x $2\frac{1}{2}$ " **Unit D**

Coordinate – Medium

Cut 4 @ $3\frac{1}{8}$ " x WOF; sub cut 48 @ $3\frac{1}{8}$ " x $3\frac{1}{8}$ ", divide each once diagonally for Flying Geese units
 Cut 4 @ $2\frac{7}{8}$ " x WOF; sub cut 48 @ $2\frac{7}{8}$ " x $2\frac{7}{8}$ " **Unit A** for HST units
 Cut 9 @ $2\frac{1}{2}$ " x WOF; join strips using diagonal seams for Inner Border

Binding





10 @ $2\frac{1}{2}$ " x WOF ; join strips using diagonal seams

Backing

Cut 2 @ 100" x WOF, join the two lengths together along the selvages using a 1" seam. Trim to $\frac{1}{2}$ " and press to one side. Trim to 80" x 100".

Sewing Directions

- Using your favorite technique, make Half-Square Triangle Units (HST) shown below using the Unit A squares.
- Finished unit size is $2\frac{1}{2}$ " x $2\frac{1}{2}$ " (includes seam allowance) Trim to size if needed.

	HST - Unit 1 Make 96 Units
	HST - Unit 2 Make 384 Units
	HST - Unit 3 Make 96 Units
	HST - Unit 4 Make 144 Units

- To make Flying Geese **Unit 5**, sew the long side of a **Dark Focus Color** unit B triangle to the right short side of a **Light Focus Color** unit C triangle. Press the seam towards the unit B triangle.



- Repeat on the left short side of the unit C triangle using a **Medium Coordinate** unit B triangle to complete the Flying Geese unit. Trim the finished unit to $2\frac{1}{2}$ " x $4\frac{1}{2}$ ". Repeat to make 48 units



4. To make Flying Geese **Unit 6**, sew the long side of a **Medium Coordinate** unit **B** triangle to the right short side of a **Light Focus Color** unit **C** triangle. Press the seam towards the unit **B** triangle.



5. Repeat on the left short side of the unit **C** triangle using a **Dark Focus Color** unit **B** triangle to complete the Flying Geese unit. Trim the finished unit to $2\frac{1}{2}'' \times 4\frac{1}{2}''$. Repeat to make 48 units.

**Unit 6**

6. To make Flying Geese **Unit 7**, sew the long side of a **Light Focus Color** unit **B** triangle to the short side of a **Light Coordinate** unit **C** triangle. Press the seam towards the unit **B** triangle.

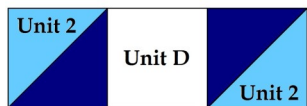
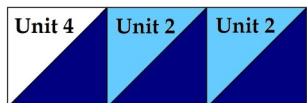


7. Repeat on the left short side of the unit **C** triangle using a **Light Focus Color** unit **B** triangle to complete the Flying Geese unit. Trim the finished unit to $2\frac{1}{2}'' \times 4\frac{1}{2}''$. Repeat to make 96 units

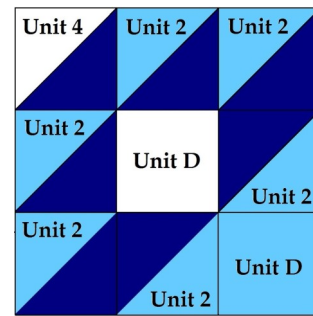
**Unit 7**

For the following block assembly steps, press the seams to one side or open. If pressing the seams to one side, be sure to maintain consistent seam directions for all your blocks.

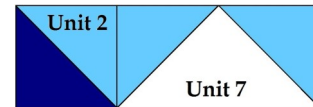
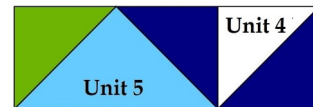
8. Join **HST** units and a **Unit D** square as shown below to make each of the block sub-unit rows shown. Repeat to make 48 units for each of the block sub-unit rows.



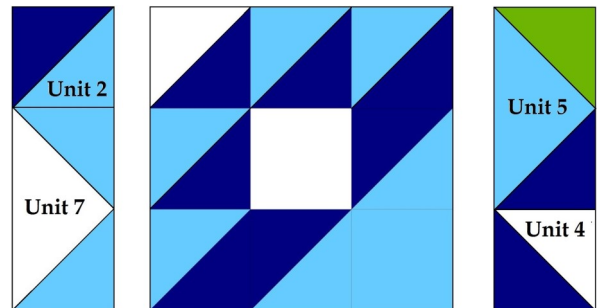
9. Join the block sub-unit rows as shown to form a sub-block. Make sure that the rows are rotated correctly. Repeat to make 48 of the block sub-units.



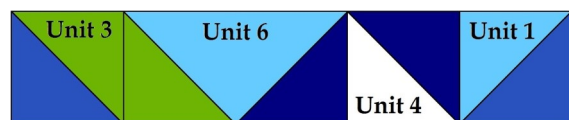
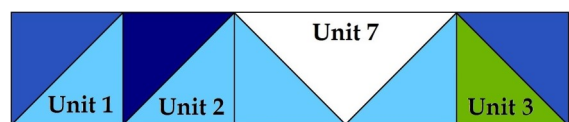
10. Join **HST** units and Flying Geese units as shown below to make each of the block side sub-unit rows shown. Repeat to make 48 units for each of the block sub-unit rows shown.



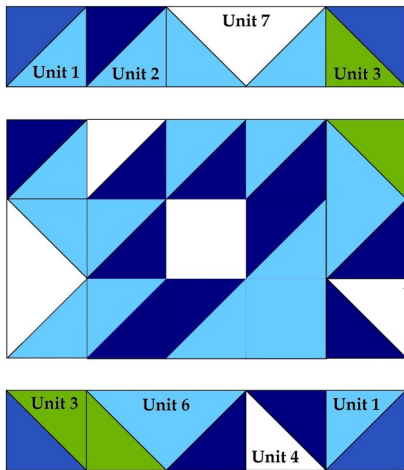
11. Sew the block side sub-unit rows to the block sub-unit as shown below. Make sure that the rows are rotated correctly. Repeat to for all 48 of the block sub-units.



12. Join **HST** units and Flying Geese units as shown below to make each of the block top & bottom sub-unit rows shown below. Repeat to make 48 units for each of the block sub-unit rows shown.



13. Sew the block top & bottom sub-unit rows to the block sub-unit as shown below. Make sure that the rows are rotated correctly. Blocks should measure $10\frac{1}{2}'' \times 10\frac{1}{2}''$, this includes the seam allowance. Repeat to complete 48 blocks.



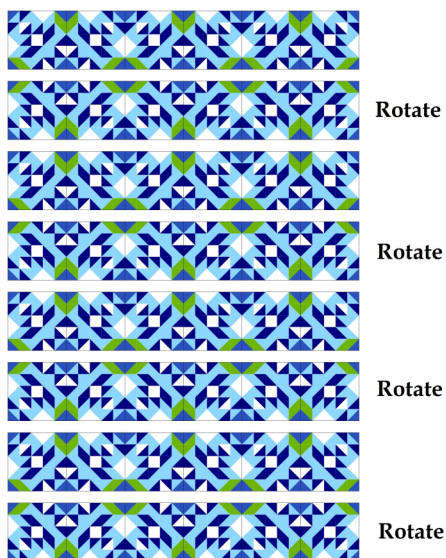
14. Sew the blocks together in pairs as shown. Repeat to make 24 pairs.



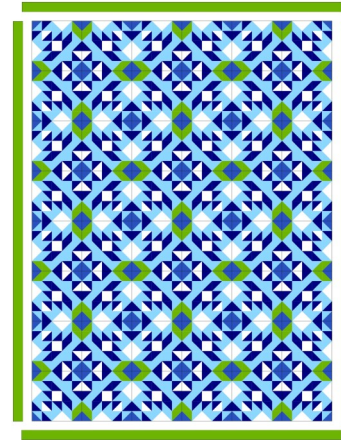
15. Sew three block pairs together to form a row. Repeat to make 8 rows.



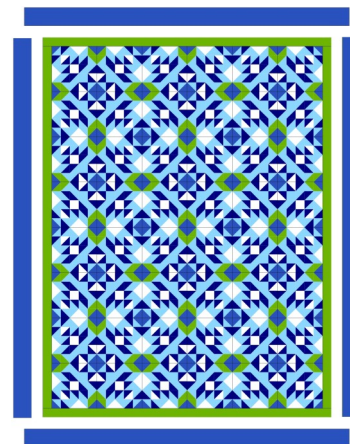
16. Sew these rows together to form the top as shown. Rotate every other row as shown.



17. Measure the quilt length through the center of the quilt. Cut two strips at this length from the $2\frac{1}{2}''$ wide **Medium Coordinate** border strip and sew these to the sides of the quilt.
18. Measure the quilt across the width through the center of the quilt. Cut two strips at this length from the $2\frac{1}{2}''$ wide **Medium Coordinate** border strip and sew these to the top and bottom of the quilt.



19. Measure the quilt length through the center of the quilt. Cut two strips at this length from the $4\frac{1}{2}''$ wide **Medium Focus Color** border strip and sew these to the sides of the quilt.
20. Measure the quilt across the width through the center of the quilt. Cut two strips at this length from the $4\frac{1}{2}''$ wide **Medium Focus Color** border strip and sew these to the top and bottom of the quilt.



21. Layer the top, batting and backing. Quilt as desired. Bind with the binding strip.