



Finished Size of Project: **64" x 74" (1.63m x 1.88m)**

Fabric Collection Name and Designer: **Cosmic Countdown by Tim Read**

Technique: **Pieced**

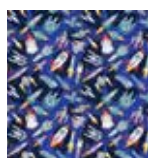
Project Designed by: **Matthew Pridemore of The Whimsical Workshop**

Skill Level: **Confident Beginner**

Fabric Requirements

DESIGN	COLOR	ITEM ID	YARDAGE
(A) Racing Rockets	Midnight Blue	3642-77	¼ yard (0.23m)
(B) Spaceships	Charcoal	3644-90	½ yard (0.46m)
(C) Cosmic Stars	Aqua	3645-17	1⅞ yards (1.03m)*
(D) Cosmic Stars	Yellow	3645-33	½ yard (0.46m)
(E) Cosmic Stars	Purple	3645-55	½ yard (0.46m)
(F) Cosmic Stars	Royal	3545-77	½ yard (0.46m)
(G) Planets	Purple	4643-55	1⅞ yards (1.03m)
(H) (H) Folio Basics	Black	7755-99	3¼ yards (2.97m)

* includes binding



(A)



(B)



(C)



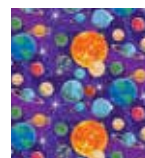
(D)



(E)



(F)



(G)



(H)

Backing (Purchased Separately)

44" (1.12m) wide

Spaceships

Charcoal

3644-90

4¾ yards (4.34m)



Backing
44"

Additional Materials:

- Batting 72" x 82" (1.83m x 2.08m)
- Thread and sewing supplies

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Cutting Instructions

Notes:

- Please make sure to check henryglassfabrics.net for pattern updates prior to starting the project.
- All strips are cut across the width of fabric (WOF) from selvage to selvage edge unless otherwise noted.

Fabric A, cut:

- (1) 6½" x WOF; subcut
- (4) 6½" x 8½"

Fabric B, cut:

- (2) 6½" x WOF; subcut
- (5) 6½" x 8½"

Fabric C, cut:

- (1) 4⅞" x WOF; subcut
- (3) 4⅞" squares
- (1) 4½" x WOF; subcut
- (3) 4½" x 8½"
- (1) 4½" x WOF; subcut
- (6) 4½" squares
- (8) 2½" x WOF strips for the binding

Fabric D, cut:

- (1) 4⅞" x WOF; subcut
- (3) 4⅞" squares
- (1) 4½" x WOF; subcut
- (3) 4½" x 8½"
- (1) 4½" x WOF; subcut
- (6) 4½" squares

Fabric E, cut:

- (1) 4⅞" x WOF; subcut
- (3) 4⅞" squares
- (1) 4½" x WOF; subcut
- (3) 4½" x 8½"
- (1) 4½" x WOF; subcut
- (6) 4½" squares

Fabric F, cut:

- (9) 1½" x WOF; subcut
- (36) 1½" x 8½"

Fabric G, cut:

- (4) 4½" x WOF. Sew together end to end with diagonal seams and cut (2) 4½" x 66½"
- (4) 4½" x WOF. Sew together end to end with diagonal seams and cut (2) 4½" x 64½"

Fabric H, cut:

- (2) 4⅞" x WOF; subcut
- (9) 4⅞" squares
- (5) 4½" x WOF; subcut
- (36) 4½" squares
- (3) 4½" x WOF; subcut
- (9) 4½" x 8½"
- (6) 4½" x WOF; subcut
- (18) 4½" x 10½"
- (3) 4½" x WOF; subcut
- (6) 4½" x 16½"
- (7) 2½" x WOF. Sew together end to end with diagonal seams and cut (4) 2½" x 62½"
- (3) 2½" x WOF. Sew together end to end with diagonal seams and cut (2) 2½" x 56½"

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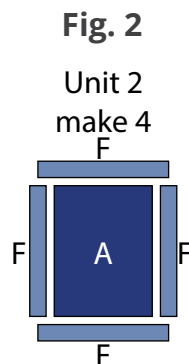
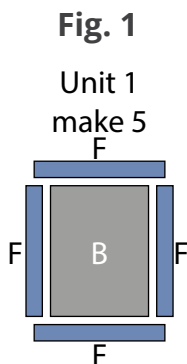
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Sewing

- Sew using a $\frac{1}{4}$ " seam allowance with right sides together (RST) unless otherwise indicated. Press seams towards the darker fabric, unless otherwise indicated.
- The arrows in the figures represent the fabric print direction. Pay attention to the fabric and unit orientations when assembling the various components.

- Sew (1) $1\frac{1}{2}$ " x $8\frac{1}{2}$ " **Fabric F** strip to each side of (1) $6\frac{1}{2}$ " x $8\frac{1}{2}$ " **Fabric B** strip. Sew (1) $1\frac{1}{2}$ " x $8\frac{1}{2}$ " **Fabric F** strip to the top and bottom of the **Fabric B** strip to make (1) $8\frac{1}{2}$ " x $10\frac{1}{2}$ " Unit 1 rectangle (**Fig. 1**). Repeat to make an additional (4) Unit 1 rectangles.
- Sew (1) $1\frac{1}{2}$ " x $8\frac{1}{2}$ " **Fabric F** strip to each side of (1) $6\frac{1}{2}$ " x $8\frac{1}{2}$ " **Fabric A** strip. Sew (1) $1\frac{1}{2}$ " x $8\frac{1}{2}$ " **Fabric F** strip to the top and bottom of the **Fabric A** strip to make (1) $8\frac{1}{2}$ " x $10\frac{1}{2}$ " Unit 2 rectangle (**Fig. 2**). Repeat to make an additional (3) Unit 2 rectangles.



- Place (1) $4\frac{1}{2}$ " **Fabric H** square on the left side of (1) $4\frac{1}{2}$ " x $8\frac{1}{2}$ " **Fabric D** strip RST (**Fig. 3**). Sew across the diagonal of the square from the upper right corner to the lower left corner (**Fig. 3**). Flip open the triangle formed and press (**Fig. 4**). Trim away the excess fabric

from behind the triangle, leaving a $\frac{1}{4}$ " seam allowance.

Fig. 3

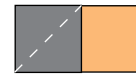
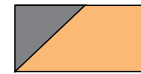


Fig. 4

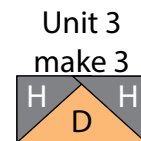


- Place another $4\frac{1}{2}$ " **Fabric H** square on the right side of the $4\frac{1}{2}$ " x $8\frac{1}{2}$ " **Fabric D** strip, right sides together (**Fig. 5**). Sew across the diagonal of the square from the upper left corner to the lower right corner (**Fig. 5**). Flip open the triangle formed and press. Trim away the excess fabric from behind the triangle, leaving a $\frac{1}{4}$ " seam allowance to make (1) Unit 3 strip (**Fig. 6**).
- Repeat Steps 3-4 to make an additional (2) Unit 3 strips.

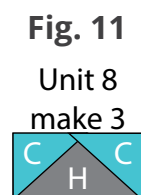
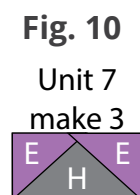
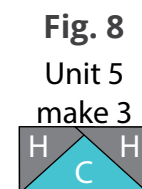
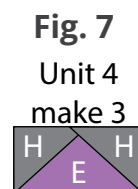
Fig. 5



Fig. 6



- Repeat Steps 3-4 and refer to **Figures 7-11** for fabric identification, placement, seam direction and orientation to make (3) of each unit strip for Unit 4 through Unit 8.



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7. Place (1) $4\frac{7}{8}$ " **Fabric E** square on top of (1) $4\frac{7}{8}$ " **Fabric H** square RST. Draw a line across the diagonal of the top square (**Fig. 12**). Sew $\frac{1}{4}$ " away from each side of the drawn diagonal line (**Fig. 12**). Cut the (2) squares apart on the drawn diagonal line (**Fig. 13**) to make (2) half-square triangles. Trim the half-square triangles to measure $4\frac{1}{2}$ " to make (2) Unit 9 squares (**Fig. 14**). Repeat to make an additional (4) Unit 9 squares.

Fig. 12



Fig. 13



Fig. 14



8. Repeat Step 7 and refer to **Figures 15-16** for fabric identification and placement to make (6) Unit 10 squares and (6) Unit 11 squares.

Fig. 15



Fig. 16

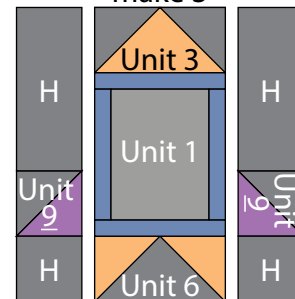


9. Sew together (1) $4\frac{1}{2}$ " x $10\frac{1}{2}$ " **Fabric H** strip, (1) Unit 9 square and (1) $4\frac{1}{2}$ " **Fabric H** square, in that order from top to bottom, to make the left column (**Fig. 17**). Paying attention to the orientation of Unit 9, repeat to make the right column.
10. Sew together (1) Unit 3 strip, (1) Unit 1 rectangle and (1) Unit 6 strip, in that order from top to bottom, to make the middle column (**Fig. 17**).
11. Sew together the (3) columns from Steps 9-10 lengthwise to make (1) $16\frac{1}{2}$ " x $18\frac{1}{2}$ " Block One rectangle (**Fig. 17**).
12. Repeat Steps 9-11 to make an additional (2)

Block One rectangles.

Fig. 17

Block One
make 3



13. Repeat Steps 9-11 and refer to **Figures 18-21** for component identification, placement and orientation to make (2) Block Two rectangles, (1) Block Three rectangle, (1) Block Four rectangle and (2) Block Five rectangles.

Fig. 18

Block Two
make 2

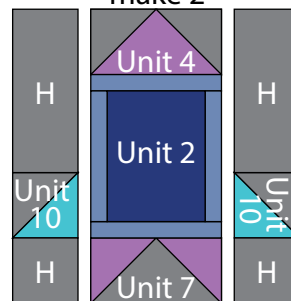


Fig. 19

Block Three
make 1

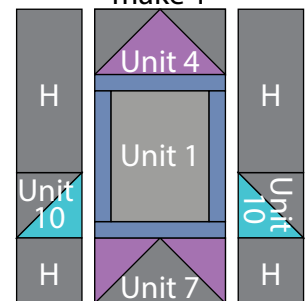


Fig. 20

Block Four
make 1

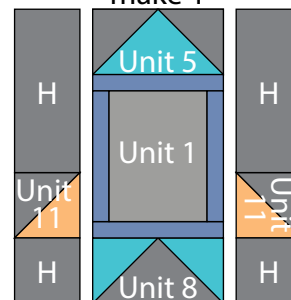
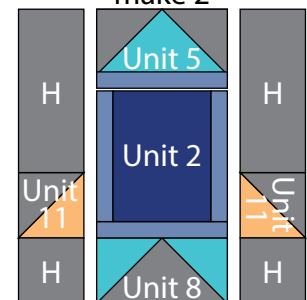


Fig. 21

Block Five
make 2



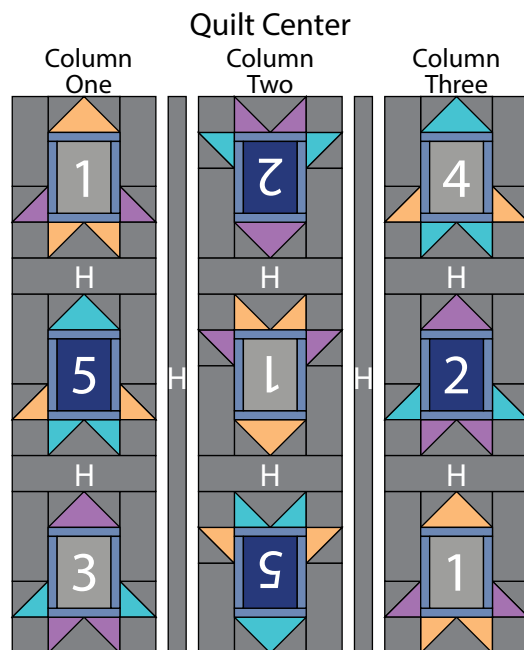
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14. Sew together (1) Block One rectangle, (1) $4\frac{1}{2}$ " x $16\frac{1}{2}$ " **Fabric H** strip, (1) Block Five rectangle, (1) $4\frac{1}{2}$ " x $16\frac{1}{2}$ " **Fabric H** strip and (1) Block Three rectangle, in that order from top to bottom, to make Column One (**Fig. 22**).
15. Repeat Step 14 and refer to **Figure 22** for component identification, placement and orientation to make Column Two and Column Three.
16. Sew together Column One, (1) $2\frac{1}{2}$ " x $62\frac{1}{2}$ " **Fabric H** strip, Column Two, (1) $2\frac{1}{2}$ " x $62\frac{1}{2}$ " **Fabric H** strip and Column Three, lengthwise and in that order from left to right, to make the $52\frac{1}{2}$ " x $62\frac{1}{2}$ " Quilt Center (**Fig. 22**).

Fig. 22



Quilt Top Assembly

Follow the Quilt Layout (Page 7) while assembling the quilt top.

17. Sew (1) $2\frac{1}{2}$ " x $62\frac{1}{2}$ " **Fabric H** strip to each side of the Quilt Center. Sew (1) $2\frac{1}{2}$ " x $56\frac{1}{2}$ "

Fabric H strip to the top and bottom of the Quilt Center.

18. Sew (1) $4\frac{1}{2}$ " x $66\frac{1}{2}$ " **Fabric G** strip to each side of the Quilt Center. Sew (1) $4\frac{1}{2}$ " x $64\frac{1}{2}$ " **Fabric G** strip to the top and bottom Quilt Center to complete the quilt top which should measure $64\frac{1}{2}$ " x $74\frac{1}{2}$ ".

Layering, Quilting and Finishing

19. Layer the backing (wrong side up), batting, and quilt top (right side up). Baste the layers together and quilt as desired. Trim excess batting and backing even with the top of the quilt.

Binding

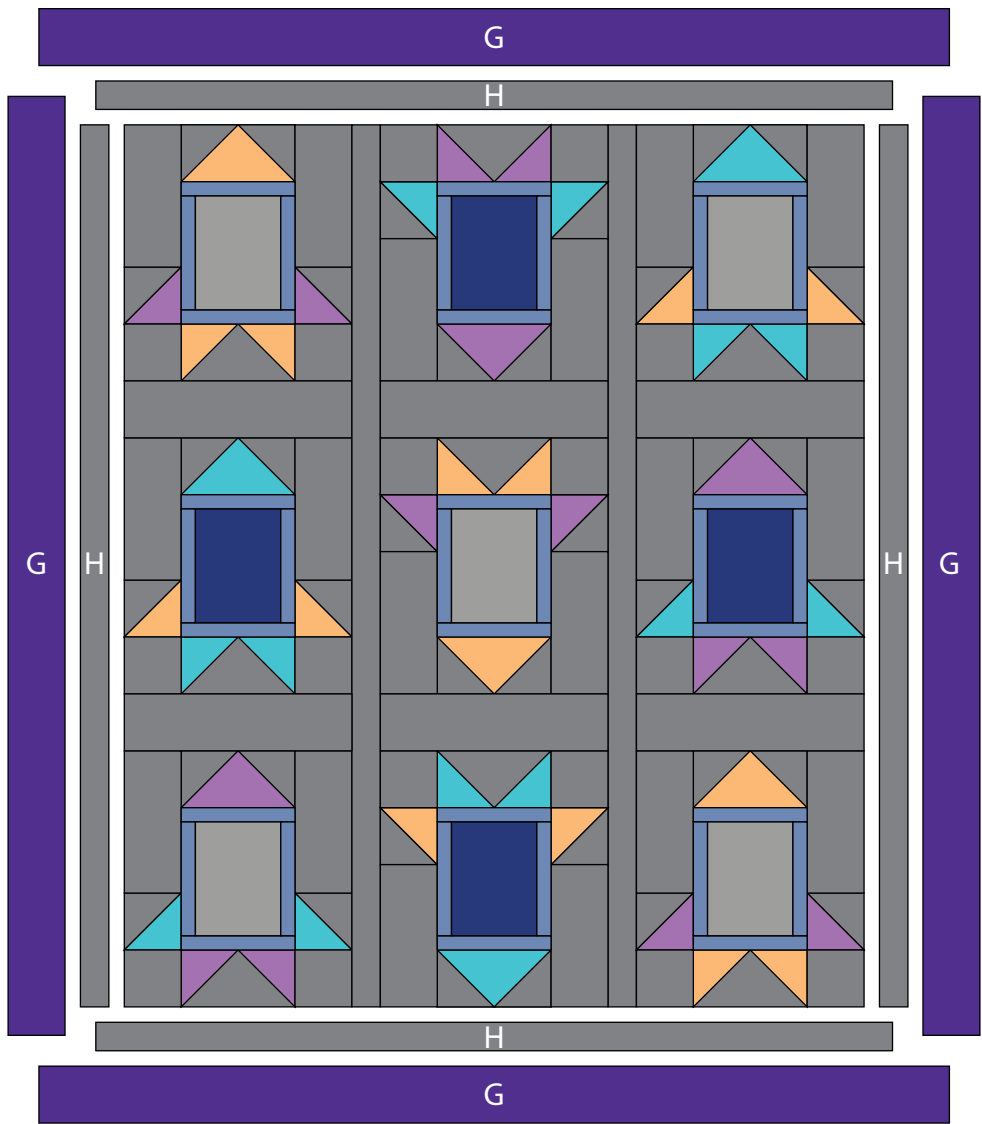
20. Sew together (8) $2\frac{1}{2}$ " x WOF **Fabric C** binding strips end to end with diagonal seams. Press the seams open. Press the binding strip in half wrong sides together.
21. Leaving an 8" tail of binding and beginning along an edge of the quilt top, match raw edges of the binding to the raw edges of the quilt top. Sew the binding to the outside edge around all four sides and miter corners. Stop sewing approximately 12" from where you started and backstitch.
22. Lay both loose ends of binding flat along the quilt edge. Where these two loose ends meet, fold them back onto themselves and press to form a crease. Using this crease as your stitching line, sew the two open ends of the binding together, right sides matching. Trim seam to $\frac{1}{4}$ " and press seam open. Finish sewing the binding to the quilt top.
23. Turn the binding over the raw edge to the back of the quilt and hand or machine stitch in place.

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Quilt Layout



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