

3..2..1.. Blast Off!

#124



A Quilt Pattern
size 52" x 62"
Designed by Jennifer Long



3..2..1.. Blast Off!

A FREE Quilt Pattern Designed

By Jennifer Long

For

Paintbrush Studio Fabrics.

52" x 62"

Thank you for downloading my 3..2..1.. Blast Off Quilt Pattern. I am so honored that this design has inspired you and I am looking forward to seeing your finished quilt! I wanted to design a quilt pattern inspired by Allison Cole's Space Monkey Fabric Collection for Paintbrush Studio Fabrics. This is a fun, easy and playful quilt! Come join me as we climb aboard and get ready to blast off into outer space!

"Go confidently in the directions of your dreams!"

- Henry David Thoreau

If you share on social media, I would really appreciate it if you used the hashtags
#321BlastOffQuilt #SpaceMonkeyFabric #PaintbrushStudio and #BeeSewInspired.

Thank you for letting a little piece of my heart into your sewing room!

Sincerely,

Jennifer Long



3..2..1.. Blast Off



Finished quilt size 52" x 62"

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Pattern questions please direct to beesewinspired@yahoo.com

This pattern is NOT FOR RESALE without prior consent from Bee Sew Inspired.

Instructions:

Please read through all the directions first before starting. Measurements have all included a 1/4" seam allowance. Sew with right sides together, unless otherwise stated. Press all seams in the direction of the arrows on the diagrams. Yardage is based on a 42" width of fabric.

WOF: Width of Fabric;

LOF: Length of Fabric;

RST: Right Sides Together

HST: Half-Square-Triangle

— — x — — x — — x — — x — — x — — x — —

Fabric Requirements:

- ✂ ¼ yard of each of Paintbrush Studio Space Monkey: 120-21596, 120-21598
- ✂ ½ yard of Paintbrush Studio Space Monkey: 120-21597
- ✂ 2/3 yard of each of Paintbrush Studio Space Monkey: 120-21594, 120-21595, 120-21599
- ✂ ¼ yard of each of Paintbrush Studio Painter's Palette: 120-039, 120-146
- ✂ 2 2/3 yards background fabric of Paintbrush Studio Painter's Palette: 121-004
- ✂ ½ yard binding of Paintbrush Studio Space Monkey: 120-21596
- ✂ 3 ¼ yard backing of Paintbrush Studio Space Monkey: 120-21595

Cutting Instructions:

- ✂ There are 3 different Rocket Blocks. As they are made to look scrappy, each of the 3 different Rocket Blocks have their own cutting charts on the following pages. The cutting charts are based on making ONE block. You will need to make the number of blocks in the parenthesis.
 - ◆ The Basic Rocket Block (make 5). Page 5
 - ◆ The Striped Rocket Block: (make 6). Page 8
 - ◆ The Window Rocket Block: (make 4). Page 11

Background Fabric: 121-004

- ✂ Cut 11 – 6 ½” x 12 ½” rectangles – “Night Sky blocks”
- ✂ Cut 35 – 2 ½” x 12 ½” rectangles – “Night Sky sashing”
- ✂ 7 – 1 ½” WOF strips for borders

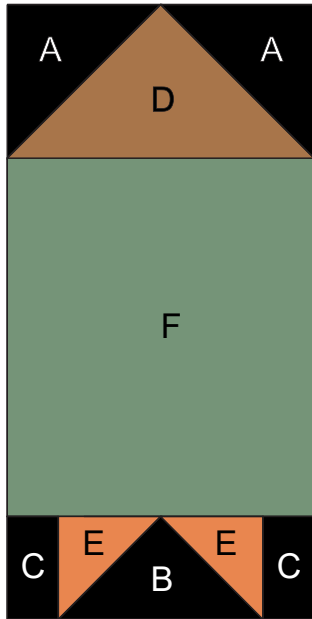
— — x — — x — — x — — x — — x — — x — —

Rocket Blocks:

There are 3 different Rocket Blocks. Use the cover photo for the scrappy fabric placement of Rocket Block coloring blocking.

Basic Rocket Block (make 5)

Unfinished Block size: 6 1/2" x 12 1/2"

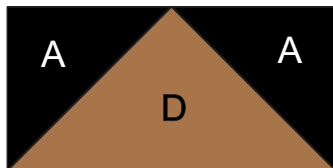


Letter	Piece	Cutting Directions per block (width x height)
A	Background fabric	Cut 2 – 3 3/4" x 3 3/4" squares
B		Cut 1 – 4 1/2" x 2 1/2"
C		Cut 2 – 1 1/2" x 2 1/2" rectangles
D	Rocket top	Cut 1 – 6 1/2" x 3 3/4"
E	Flames	Cut 2 – 2 1/2" squares
F	Rocket body	Cut 1 – 6 1/2" x 7 1/2"

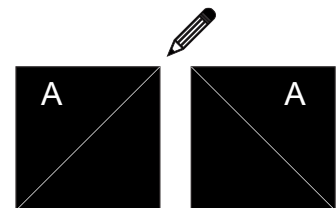
Block Assembly:

Assemble the Basic Rocket Block in the following order:

Rocket Top Unit:

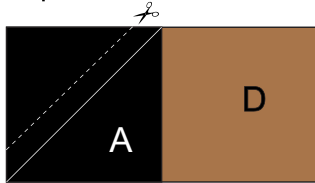


✂ Draw a diagonal line on each of your 2 background A-squares from one corner to the opposite corner.

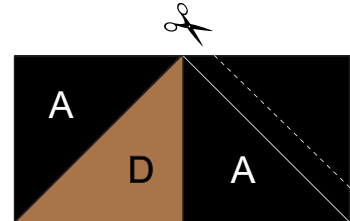




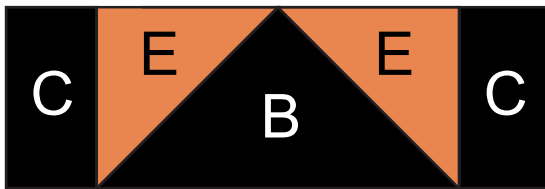
✂ Take your D-rectangle Rocket Top and line up one A-square to one side with the drawn line pointing as in the diagram below. Stitch on the drawn line. Trim $\frac{1}{4}$ " from your seam allowance and press seam to the background.



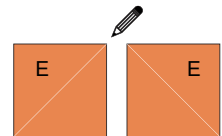
✂ Repeat with the other A-square on the other side of your D-rectangle. You have made one flying geese unit. Set aside.



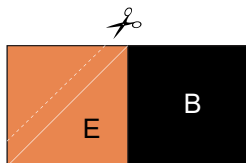
Rocket Flame Unit:



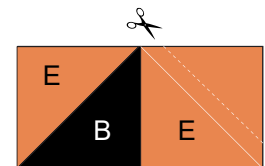
✂ Draw a diagonal line on each of your 2 flame E-squares from one corner to the opposite corner.



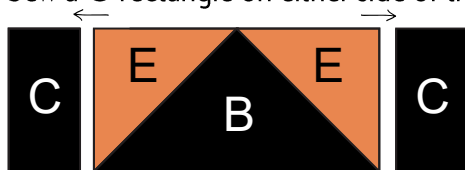
✂ Take your B-rectangle background and line up one E-square to one side with the drawn line pointing as in the diagram below. Stitch on the drawn line. Trim $\frac{1}{4}$ " from your seam allowance and press seam to the background.



✂ Repeat with the other E-square on the other side of your B-rectangle. You have made a one flying geese unit.



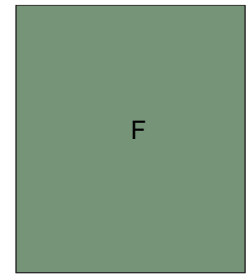
✂ Sew a C-rectangle on either side of the E-B-E unit. Press seams to the outside. Set aside.





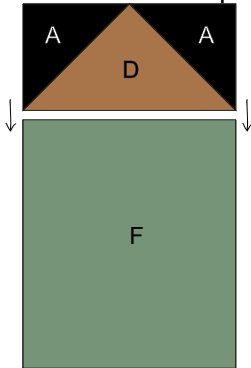
Rocket Center Unit:

✂ The basic rocket has only a center 6 1/2" x 7 1/2" rectangle.

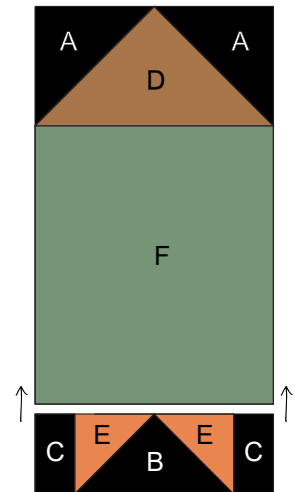


Assemble Rocket Block:

✂ Sew the rocket top unit to the rocket center unit. Press seams to the rocket center unit.



✂ Sew the rocket flame unit to the rocket center unit. Press seams up to the rocket center unit.



✂ Your Basic Rocket Block is complete. Using the cover photo for the scrappy fabric placement of Rocket Block coloring blocking – Make 5.

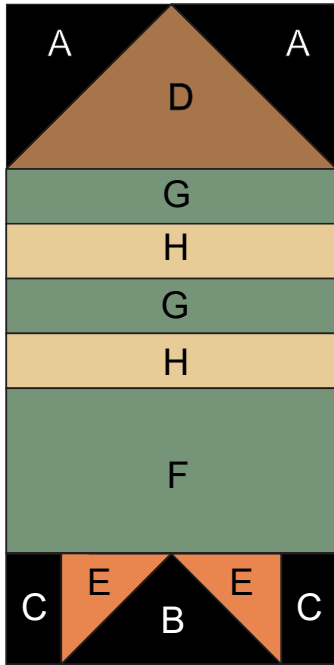
Striped Rocket Block (make 6)

Letter	Piece	Cutting Directions per block (width x height)
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— — x — — x — — x — — x — — x — — x — —

Unfinished Block size: 6



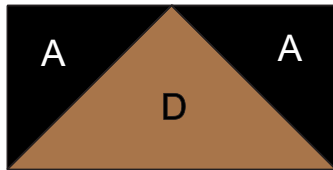
$6\frac{1}{2}'' \times 12\frac{1}{2}''$

A	Background fabric	Cut 2 – $3\frac{3}{4}'' \times 3\frac{3}{4}''$ squares
B		Cut 1 – $4\frac{1}{2}'' \times 2\frac{1}{2}''$ rectangle
C		Cut 2 – $1\frac{1}{2}'' \times 2\frac{1}{2}''$ rectangles
D	Rocket top	Cut 1 – $6\frac{1}{2}'' \times 3\frac{3}{4}''$ rectangle
E	Flames	Cut 2 – $2\frac{1}{2}''$ squares
F	Rocket body	Cut 1 – $6\frac{1}{2}'' \times 3\frac{1}{2}''$ rectangle
G		Cut 2 – $6\frac{1}{2}'' \times 1\frac{1}{2}''$ rectangles
H	Stripes	Cut 2 – $6\frac{1}{2}'' \times 1\frac{1}{2}''$ rectangles

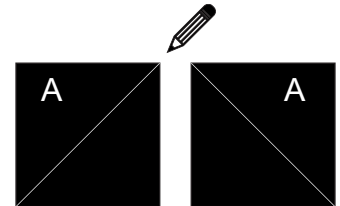
Block Assembly:

Assemble the Basic Rocket Block in the following order:

Rocket Top Unit:



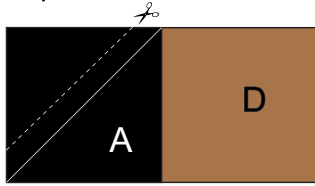
✂ Draw a diagonal line on each of your 2 background A-squares from one corner to the opposite corner.



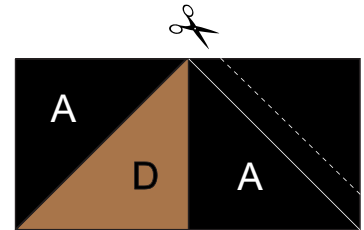
— — x — — x — — x — — x — — x — — x — — x — —



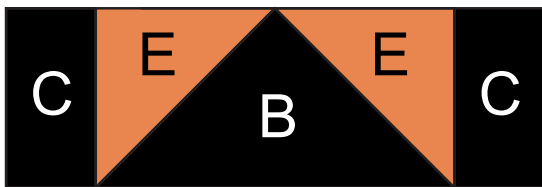
- ✂ Take your D-rectangle Rocket Top and line up one A-square to one side with the drawn line pointing as in the diagram below. Stitch on the drawn line. Trim $\frac{1}{4}$ " from your seam allowance and press seam to the background.



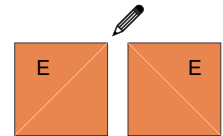
- ✂ Repeat with the other A-square on the other side of your D-rectangle. You have made one flying geese unit. Set aside.



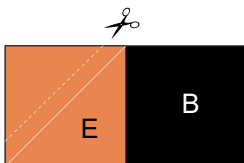
Rocket Flame Unit:



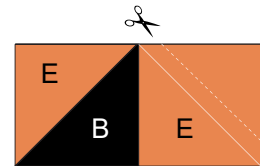
- ✂ Draw a diagonal line on each of your 2 flame E-squares from one corner to the opposite corner.



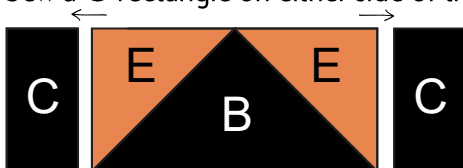
- ✂ Take your B-rectangle background and line up one E-square to one side with the drawn line pointing as in the diagram below. Stitch on the drawn line. Trim $\frac{1}{4}$ " from your seam allowance and press seam to the background.



- ✂ Repeat with the other E-square on the other side of your B-rectangle. You have made a one flying geese unit.



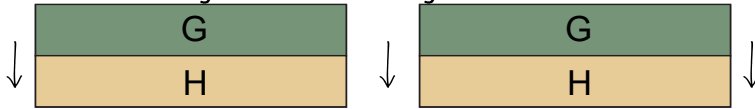
- ✂ Sew a C-rectangle on either side of the E-B-E unit. Press seams to the outside. Set aside.



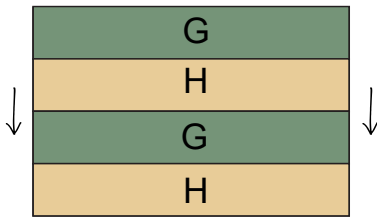
— — x — — x — — x — — x — — x — — x — —

Rocket Center Unit:

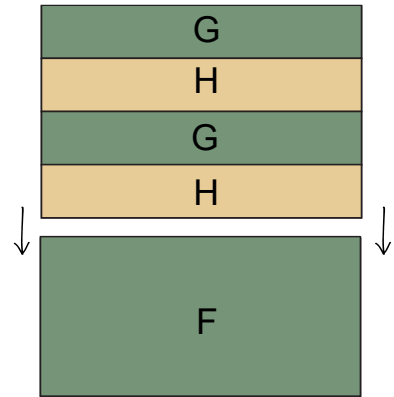
✂ Sew a G-rectangle to an H-rectangle. Press towards the H-rectangle. Make 2



✂ Sew one G-H unit to the other G-H unit so the stripes alternate as pictured below. Press seam in the same direction as the other seams.

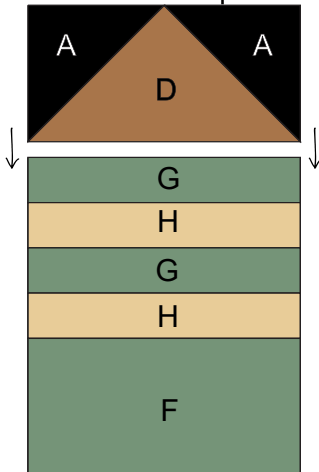


✂ Sew the stripe unit to the F-rectangle. Press the seam towards the F-rectangle.



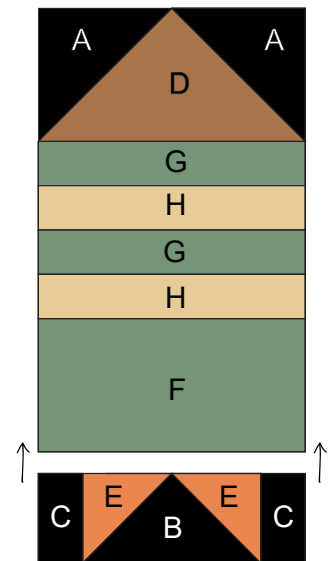
Assemble Rocket Block:

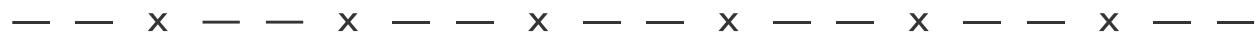
✂ Sew the rocket top unit to the rocket center unit. Press seams to the rocket center unit.



✂ Sew the rocket flame unit to the rocket center unit. Press seams up to the rocket center unit.

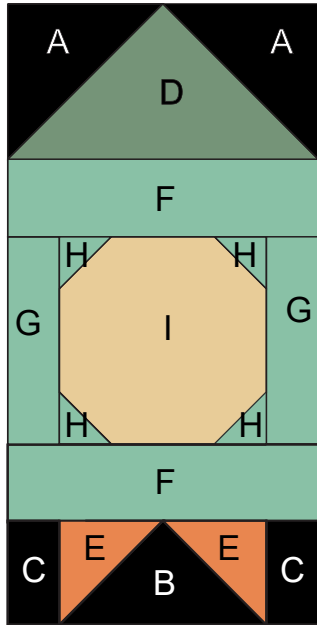
✂ Your Basic Rocket Block is complete. Using the cover photo for the scrappy fabric placement of Rocket Block coloring blocking – make 6.





Window Rocket Block (make 4)

Unfinished Block size: 6 ½" x 12 ½"

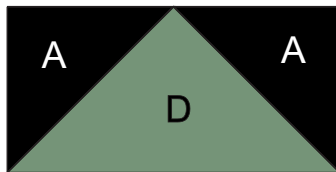


Letter	Piece	Cutting Directions per block (width x height)
A	Background fabric	Cut 2 – 3 ¾" x 3 ¾" squares
B		Cut 1 – 4 ½" x 2 ½" rectangle
C		Cut 2 – 1 ½" x 2 ½" rectangles
D	Rocket top	Cut 1 – 6 ½" x 3 ¾" rectangle
E	Flames	Cut 2 – 2 ½" squares
F	Rocket body	2 – 6 ½" x 2" rectangles
G		2 – 1 ½" x 4 ½" rectangles
H		4 – 1 ½" squares
I	Window	1 – 4 ½" x 4 ½" square

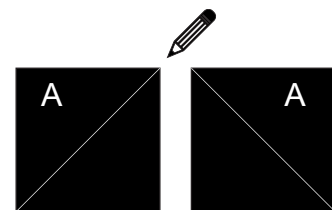
Block Assembly:

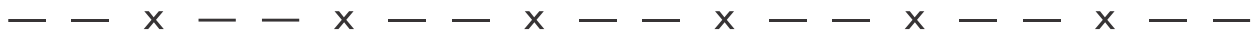
Assemble the Basic Rocket Block in the following order:

Rocket Top Unit:

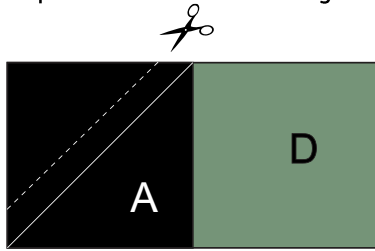


✂ Draw a diagonal line on each of your 2 background A-squares from one corner to the opposite corner.

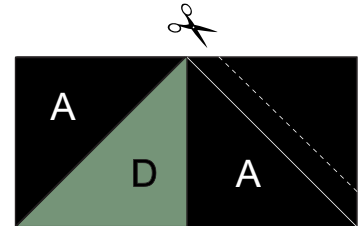




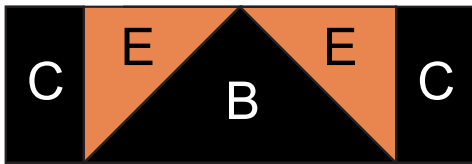
- ✂ Take your D-rectangle Rocket Top and line up one A-square to one side with the drawn line pointing as in the diagram below. Stitch on the drawn line. Trim $\frac{1}{4}$ " from your seam allowance and press seam to the background.



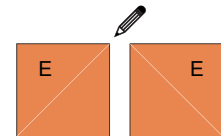
- ✂ Repeat with the other A-square on the other side of your D-rectangle. You have made one flying geese unit. Set aside.



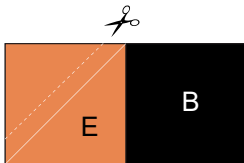
Rocket Flame Unit:



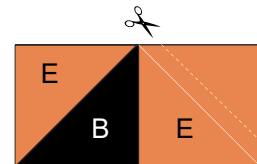
- ✂ Draw a diagonal line on each of your 2 flame E-squares from one corner to the opposite corner.



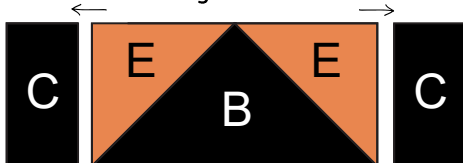
- ✂ Take your B- background and line up one E-square to one side with the drawn line pointing as in the diagram below. Stitch on the drawn line. Trim $\frac{1}{4}$ " from your seam allowance and press seam to the background.



- ✂ Repeat with the other E-square on the other side of your B-rectangle. You have made a one flying geese unit.



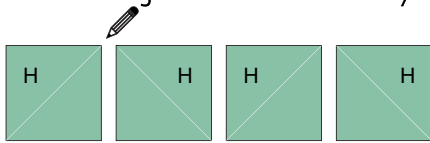
- ✂ Sew a C-rectangle on either side of the E-B-E unit. Press seams to the outside. Set aside.



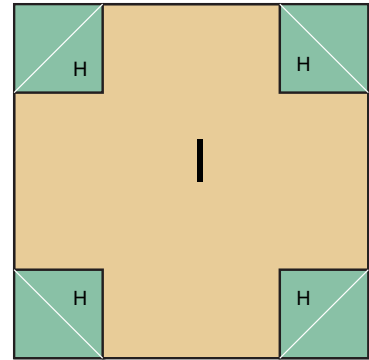


Rocket Center Unit:

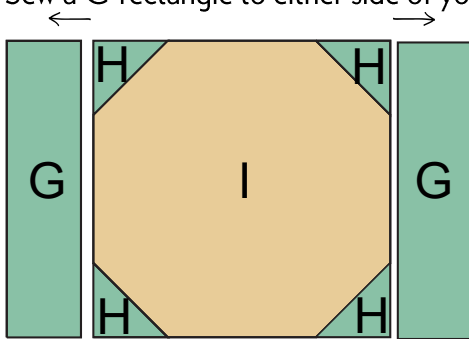
✂ Draw a diagonal line on each of your 4 H-squares from one corner to the opposite corner.



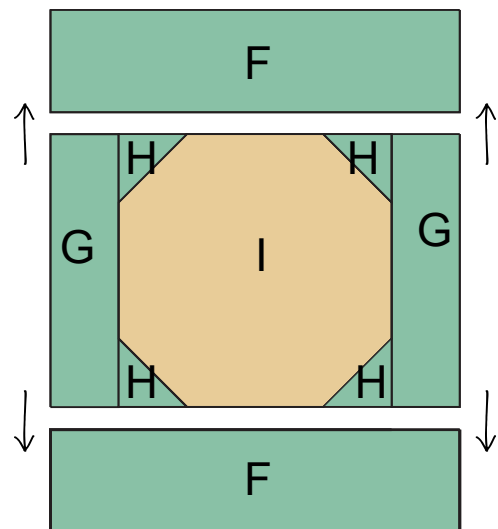
✂ Take your I-window square and line up one H-square to one corner with the drawn line pointing as in the diagram below. Stitch on the drawn line. Trim 1/4" from your seam allowance and press seam to the window. Repeat using all 4 H-squares on all 4 corners of your I-window square.



✂ Sew a G-rectangle to either side of your window block. Press seams outwards.



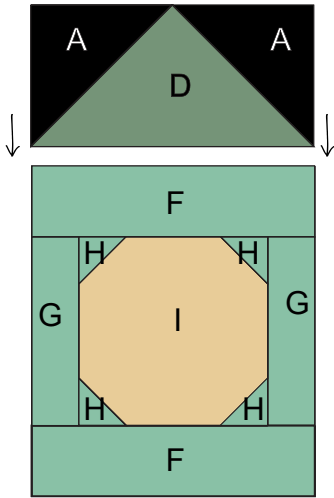
✂ Sew a F-rectangle on the top and bottom of your window block. Press seams outwards.





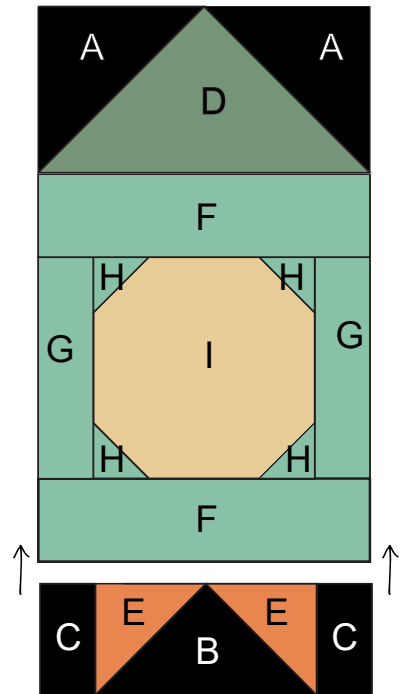
Assemble Rocket Block:

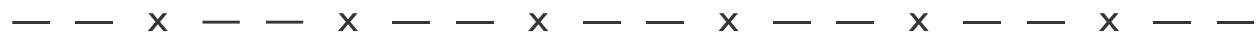
✂ Sew the rocket top unit to the rocket center unit. Press seams to the rocket center unit.



✂ Sew the rocket flame unit to the rocket center unit. Press seams up to the rocket center unit.

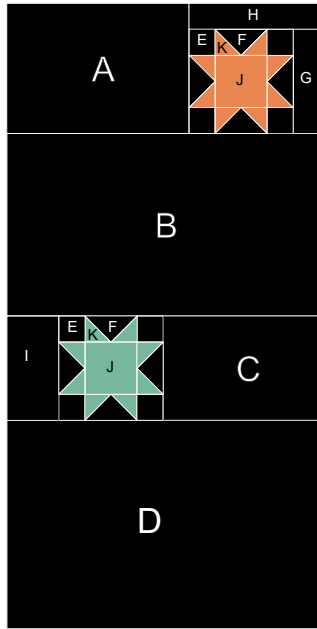
✂ Your Window Rocket Block is complete. Using the cover photo for the scrappy fabric placement of Rocket Block coloring blocking – make 4.





Tiny Star Block (make 4)

Unfinished Block size: 6 ½" x 12 ½"



Letter	Piece	Cutting Directions per block (width x height)
A	Background fabric	Cut 1 – 4" x 3" rectangle
B		Cut 1 – 6 ½" x 4" rectangle
C		Cut 1 – 3 ½" x 2 ½" rectangle
D		Cut 1 – 6 ½" x 4 ½" rectangle
E		Cut 8 – 1" squares
F		Cut 4 – 1 ½" x 1" rectangles
G		Cut 1 – 1" x 2 ½" rectangle
H		Cut 1 – 3" x 1" rectangle
I		Cut 1 – 1 ½" x 2 ½" rectangle
J		Star Center
K	Star Points	Cut 8 – 1" squares in each star color way (16 total)

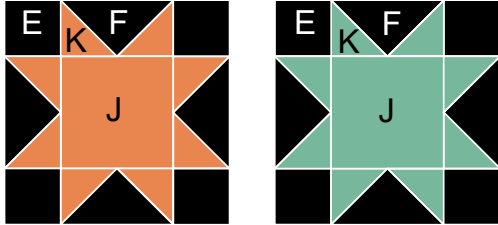




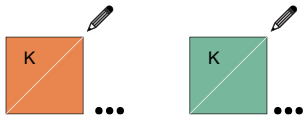
Block Assembly:

Assemble the Tiny Star Block in the following order:

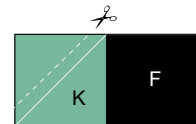
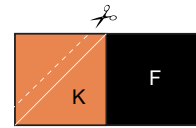
Tiny Star Unit:



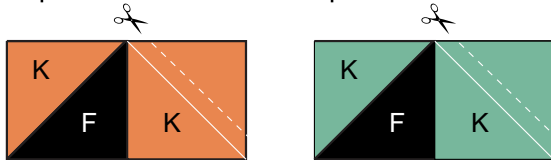
✂ Draw a diagonal line on all 16 K-star points each from one corner to the opposite corner.



✂ Take your F-rectangle background fabric and line up one K-square to one side with the drawn line pointing as in the diagram below. Stitch on the drawn line. Trim 1/4" from your seam allowance and press seam open.



✂ Repeat with the other K-square on the other side of your F-rectangle. Press open.



✂ You have made a one flying geese unit. Make 4 in each color way, 8 in total per Tiny Star Block. Set aside.

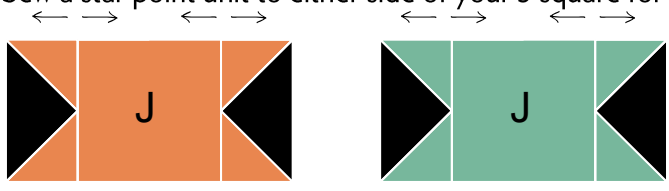


✂ Sew an E square to either side of 2 of your star point units for each colorway. Press open. (4 total).

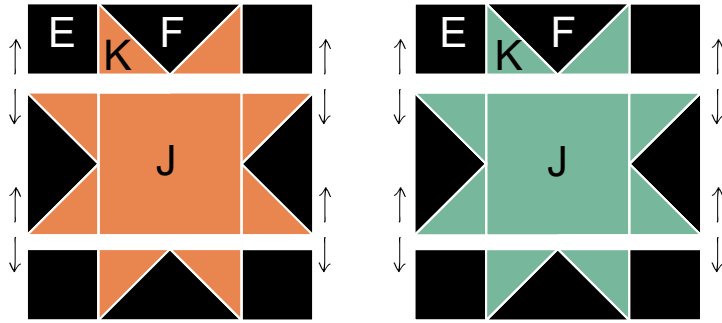




✂ Sew a star point unit to either side of your J square for each colorway. Press open. (2 total).

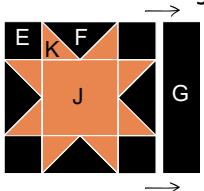


✂ Sew a EKF star point unit to either side of the center star unit as pictured below. Pinning to make sure your seams line up. Press open. (2 star units). Set aside.

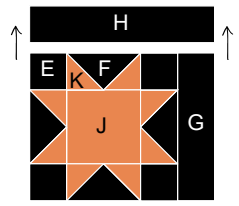


Assemble the Tiny Star Block:

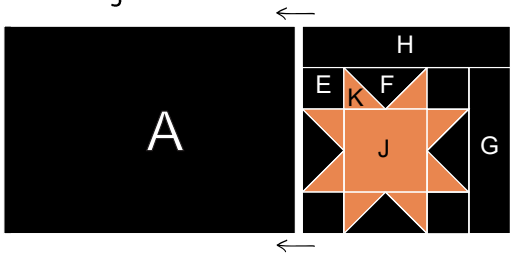
✂ Sew a G-rectangle to the outside of the top orange star block. Press seams out.



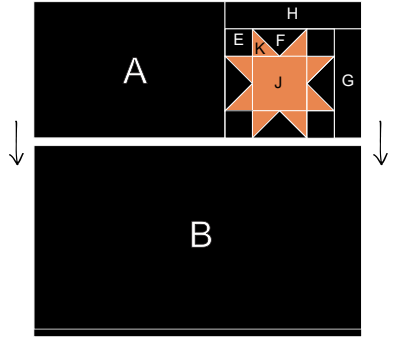
✂ Sew an H-rectangle to the top of the orange star block unit. Press seams out.



✂ Sew an A-background rectangle to the other side of the orange star unit. Press seams towards the background fabric.

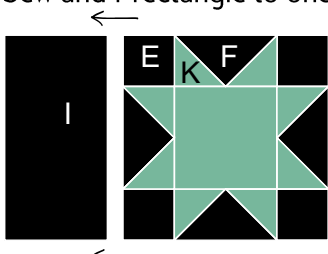


✂ Sew a B-rectangle to the bottom of the orange-star block unit. Press seams towards the B-rectangle.

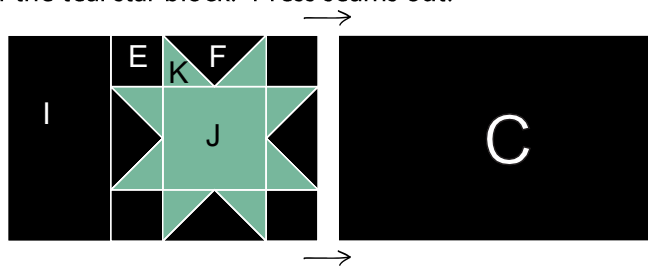




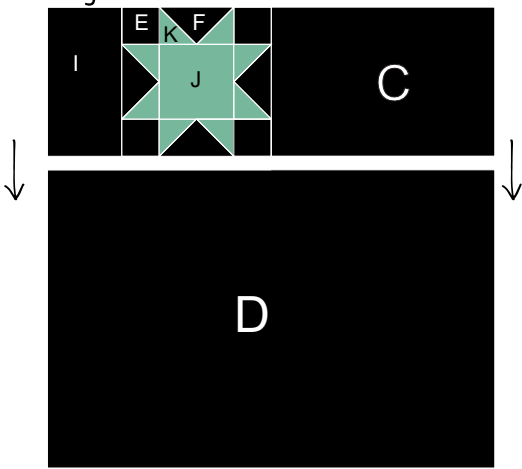
✂ Sew an I-rectangle to one side of the teal star block as pictured below. Press seams out.



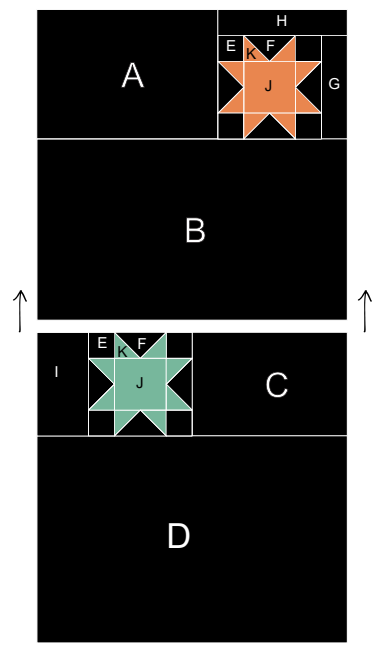
✂ Sew a C-rectangle to the opposite side of the teal star block. Press seams out.



✂ Sew a D-rectangle to the bottom of the teal-star block unit. Press seams towards the D-rectangle.



✂ Sew the AB unit to the CD unit. Press seam towards the B rectangle.

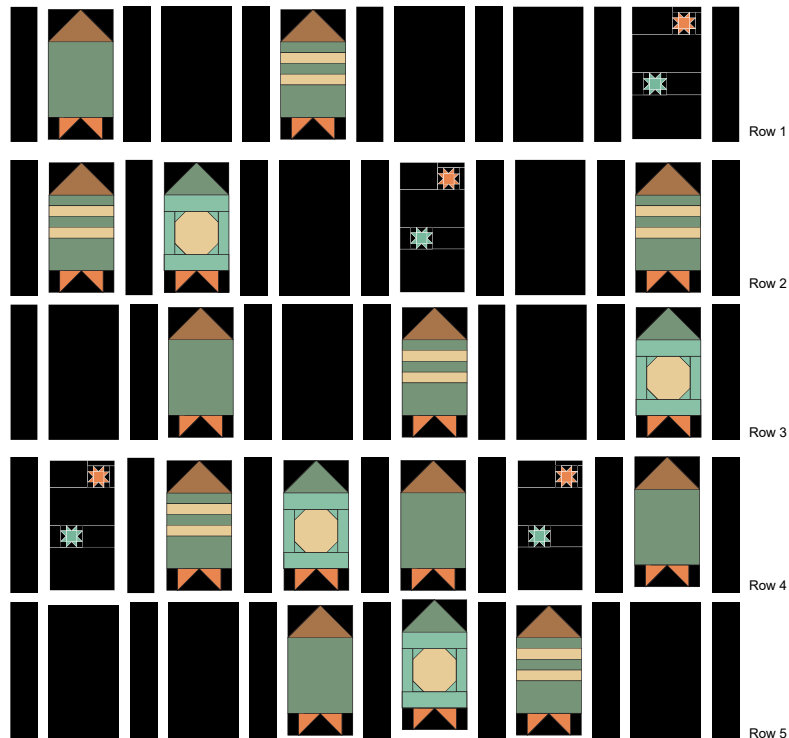


✂ Your Tiny Star Block is complete. Make 4.

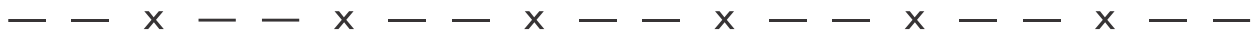


— — x — — x — — x — — x — — x — — x — —

Quilt Layout:



- ✂ On your design wall, or open space on the floor, layout your “3-2-1 Blast Off” quilt blocks. You can follow the diagram above for block placement to have the same scrappy look as the sample cover quilt, or create your own. Continue playing with the layout until you are satisfied with how the overall quilt looks. You can also use the coloring page at the end of this pattern to find the color layout you like best!
- ✂ Note: the blocks are all $6\frac{1}{2}$ ” x $12\frac{1}{2}$ ” with a $2\frac{1}{2}$ ” sashing in between each block (Including the blank “night sky” blocks).
- ✂ Sew all 6 blocks in Row 1 together making sure to sew a $2\frac{1}{2}$ ” x $12\frac{1}{2}$ ” sashing strip in between every block and on either outside edge of the rows. (Including the solid Night Sky block.) Press to one side.
- ✂ Sew all 6 blocks in Row 2 together sewing a sashing a $2\frac{1}{2}$ ” x $12\frac{1}{2}$ ” sashing strip between each block and on either outside edge of the rows. Starting and ending with a sashing strip. Press to the opposite side.
- ✂ Continue sewing the remaining rows together, alternating the direction you press each row.



- ✂ Pin and sew Row 1 and 2 together. Make sure to pin at all your intersecting seams so they match nicely.
- ✂ Repeat this process for Rows 3 and 4.
- ✂ Continue the pinning and sewing process for Rows 2 to 3, and Rows 4 to 5.

Sewing on the Borders:

- ✂ Sew the 6 - 1 ½" background border strips together to make 1 one strip. Press seams in one direction.
- ✂ Sew the borders along the vertical edges first. You can pre-cut them to measure 50" each, or you can place a pin at 50" on the border strip. When you sew, this will give you a little grace for your quilt measurements.
- ✂ Press the vertical strips towards the outside.
- ✂ Repeat this process with the remaining two horizontal border strips. They should each measure 62" or you can use the pinning method as above.
- ✂ Press the horizontal strips towards the outside.



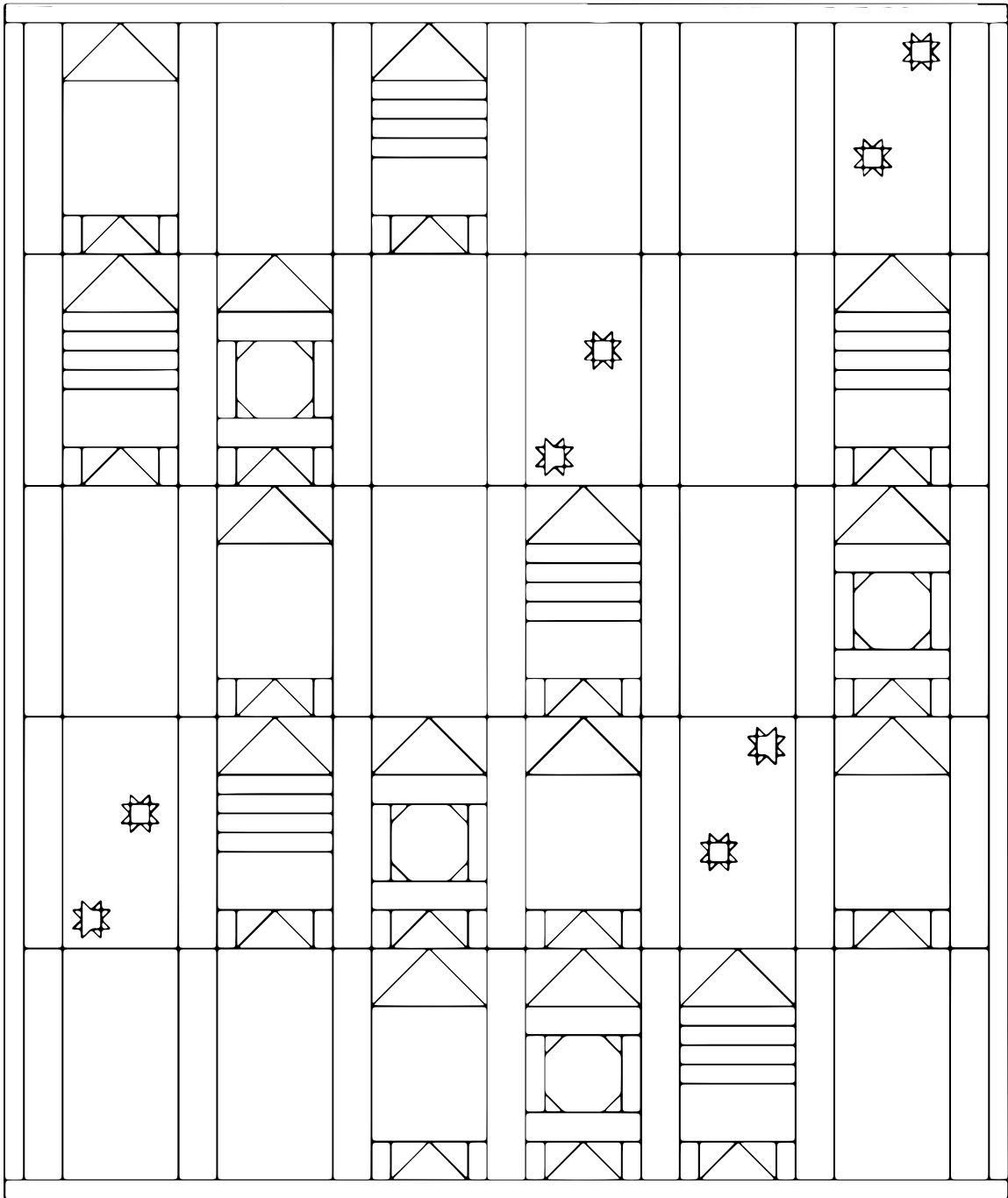


- ✂ You're quilt top is complete!!!
- ✂ Layer your backing, batting and quilt top. Quilt as desired. Bind the edges with your favorite binding method





3-2-1 Blast Off Quilt Coloring Page:





For more inspirations and FREE, live video tutorials,
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INSPIRED QUILTING

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3-2-1 Blast Off Quilt Pattern

Free Pattern for Paintbrush Studio

If you have any pattern questions please email me at beesewinspired@yahoo.com.

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