

michael miller FABRICS

SPACE ODYSSEY

SIZE: 50" x 50" • LEVEL: BEGINNER • PATTERN BY: NATALIE CRABTREE • HULA UNIVERSE COLLECTION
PATTERN AVAILABLE ON: WWW.MICHAELMILLERFABRICS.COM

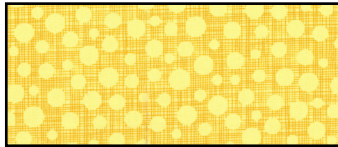


THIS IS A DIGITAL REPRESENTATION OF THE QUILT TOP, FABRIC MAY VARY.

PLEASE NOTE: BEFORE BEGINNING YOUR PROJECT, CHECK FOR ANY PATTERN UPDATES AT MICHAELMILLERFABRICS.COM'S FREE PROJECTS SECTION.

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SPACE ODYSSEY



FABRIC A
Hash Dot
CX6699
Yellow
1 yard
(includes binding)



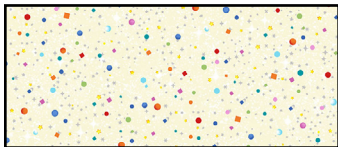
FABRIC B
Hula Universe
DC9311
Shoot for the Stars
Black
1 Panel



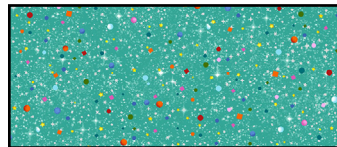
FABRIC C
Hula Universe
DC9306
Fly by Black
7/8 yard



FABRIC D
Hula Universe
DC9305
Space Animals Black
1/4 yard



FABRIC E
Hula Universe
DC9309
Heavenly Cream
3/4 yard



FABRIC F
Hula Universe
DC9309
Heavenly Jade
3/4 yard



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Additional supplies needed:

Batting: 58" x 58" square piece of batting
 Backing: 3 ¼ yards
 Basic Sewing Supplies, Template plastic optional

KEY	CUTTING INTRUCTIONS
A	<ul style="list-style-type: none"> • Cut (6) 2 ¼" x WOF strips for binding. • Cut (1) 3" x WOF strip. Subcut: <ul style="list-style-type: none"> ○ (8) 3" squares; draw a diagonal line from corner to corner on the wrong side of each square for Block B. ○ (4) 2 ½" squares for Block B. • Cut (6) 1 ¾" x WOF strips. Subcut (128) 1 ¾" squares; draw a diagonal line from corner to corner on the wrong side of each square for Block C. • Cut (1) 2 ½" x WOF strip. Use the strip to cut (8) Block A Template B pieces. Starch and press heavily to avoid stretching during Block A assembly.
B	<ul style="list-style-type: none"> • Cut (6) 10 ½" x 10 ½" panel images from the panel. You may 'audition' cuts to ensure accuracy and seam allowances by using a chalk marker or pen to sketch out your 10 ½" x 10 ½" cut before cutting. Once you are satisfied with placement of each cut, proceed with a rotary cutter.
C	<ul style="list-style-type: none"> • Cut (1) 4 ½" x WOF strip. Subcut (4) 4 ½" squares for Block B. • Cut (5) 4 ½" x WOF strips for Border 2.
D	<ul style="list-style-type: none"> • Cut (1) 4 5/8" x WOF strip. Subcut (4) Block A Template A pieces. Starch and press heavily to avoid stretching during Block A assembly.
E	<ul style="list-style-type: none"> • Cut (1) 6 ¾" x WOF strip. Subcut (4) 6 ¾" squares; cut each square once diagonally to create (8) HST for Block A. • Cut (1) 5" x WOF strip. Subcut (4) 5" squares; cut each square once diagonally to create (8) HST for Block A. • Cut (5) 1 ¾" x WOF strips. Subcut (32) 1 ¾" x 5 ½" rectangles for Block C.
F	<ul style="list-style-type: none"> • Cut (4) 1 ½" x WOF strips for Border 1. Trim (2) strips to 1 ½" x 42 ½" (<i>If there isn't enough space to cut a 42 ½" long strip after trimming selvages, simply sew a small 1 ½" strip from remaining yardage or scraps to the end of (2) border strips to add length. Trim to 1 ½" x 42 ½".</i>) <ul style="list-style-type: none"> ○ Trim the remaining (2) strips to 1 ½" x 40 ½". • Cut (1) 2 ½" x WOF strip. Use the strip to cut (8) Block A Template B pieces. Starch and press heavily to avoid stretching during Block A assembly. • Cut (1) 3" x WOF strip. Subcut (8) 3" squares for Block B. • Cut (1) 2 ½" x WOF strip. Subcut (14) 2 ½" squares for Block B. • Cut (3) 3" x WOF strips. Subcut (64) 3" x 1 ¾" rectangles for Block C.

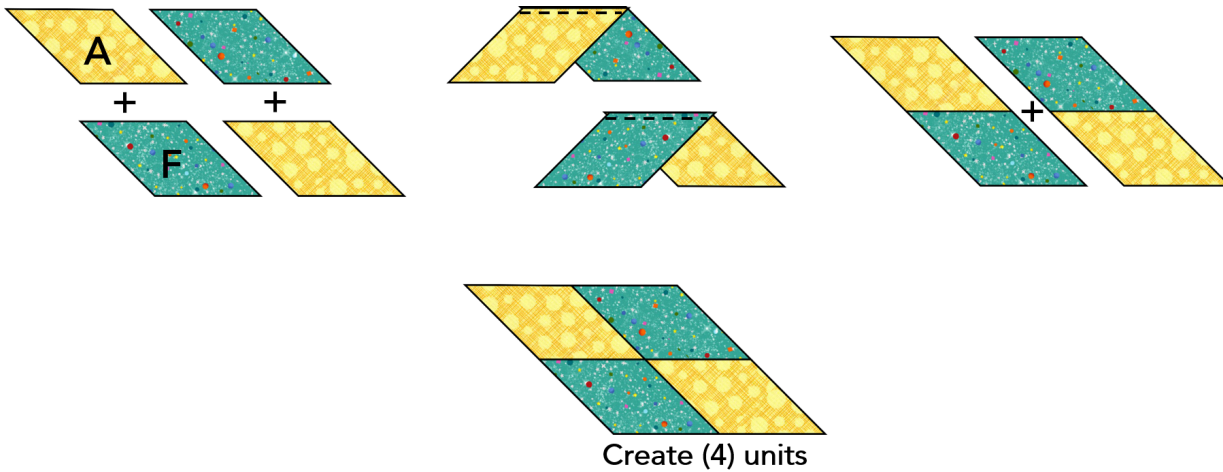
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Piecing Instructions:

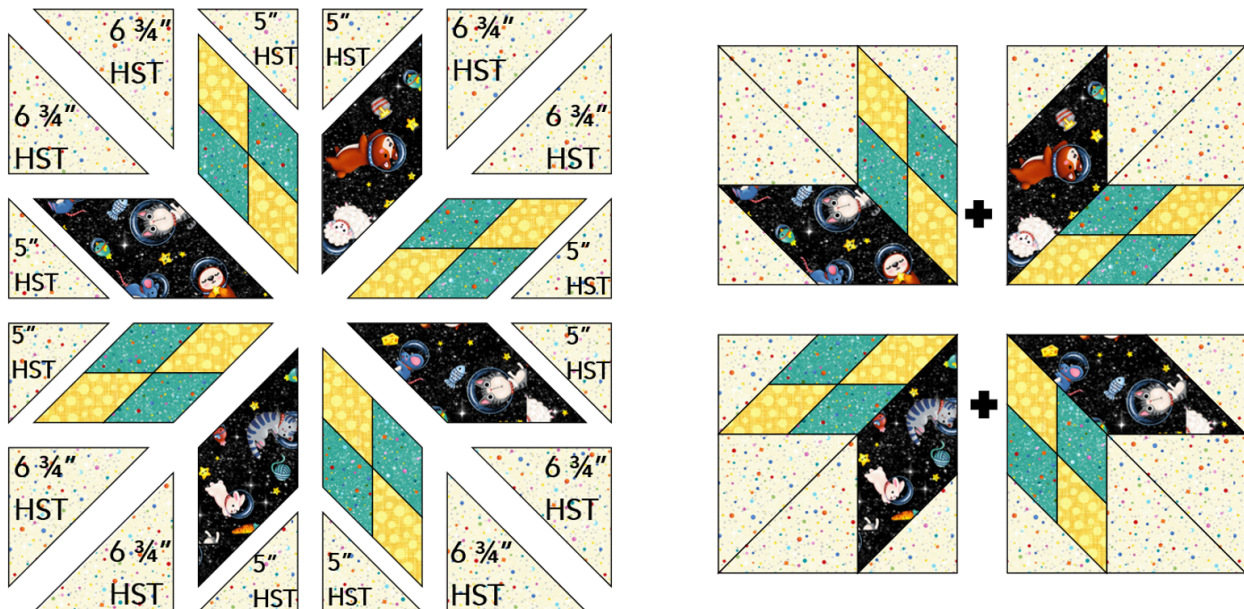
Block A:

(Starch fabrics heavily and press to prevent excess stretching during assembly. Block A uses bias edges.)

1. Begin Block A assembly by gathering (8) Block A Template B pieces cut from Fabrics A and F. Lay out templates as shown in the diagram. Sew templates together using a scant $\frac{1}{4}$ " seam. Press toward Fabric F. Diagrams show accurate piecing methods.
2. Repeat to create (4) identical diamond units as shown.

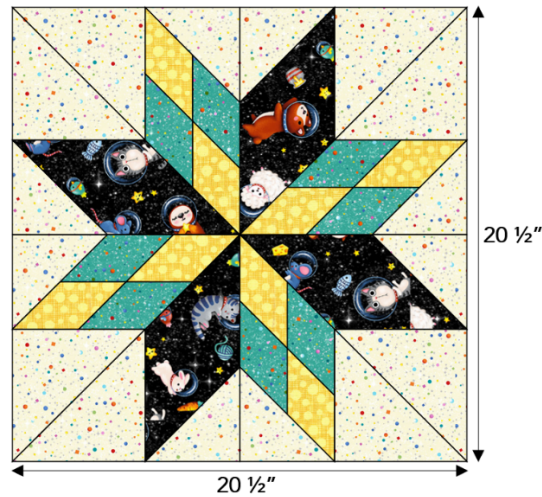


3. Lay out diamond units, (4) Block A Template A pieces cut from Fabric D, (8) Fabric E 5" HST and (8) Fabric E 6 $\frac{3}{4}$ " HST as shown. Diagrams show accurate Fabric E placement.
4. Begin sewing the units together into quadrants as shown in the diagram using a scant $\frac{1}{4}$ " seam. Press towards the Fabric E HSTs. Each quadrant should measure 10 $\frac{1}{2}$ " x 10 $\frac{1}{2}$ ".



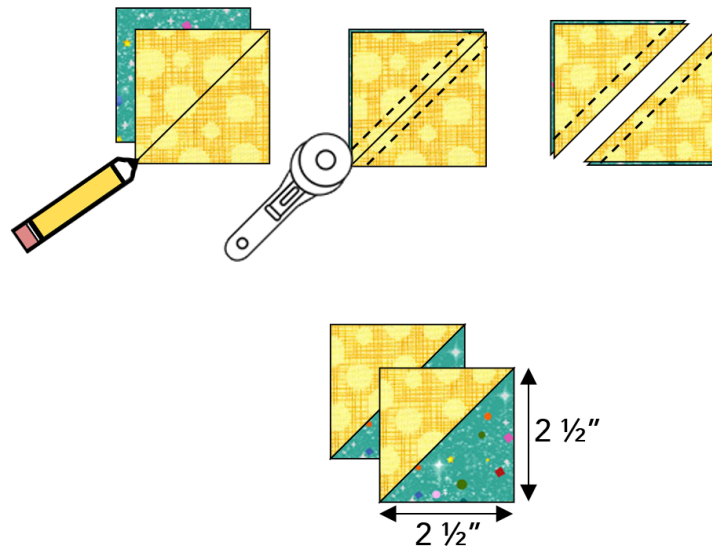
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- Sew all quadrants together to complete Block A. Block A should measure 20 ½" x 20 ½" unfinished.



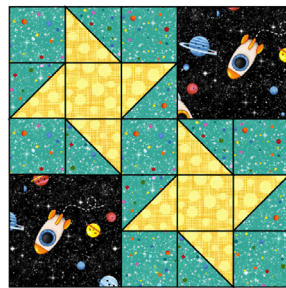
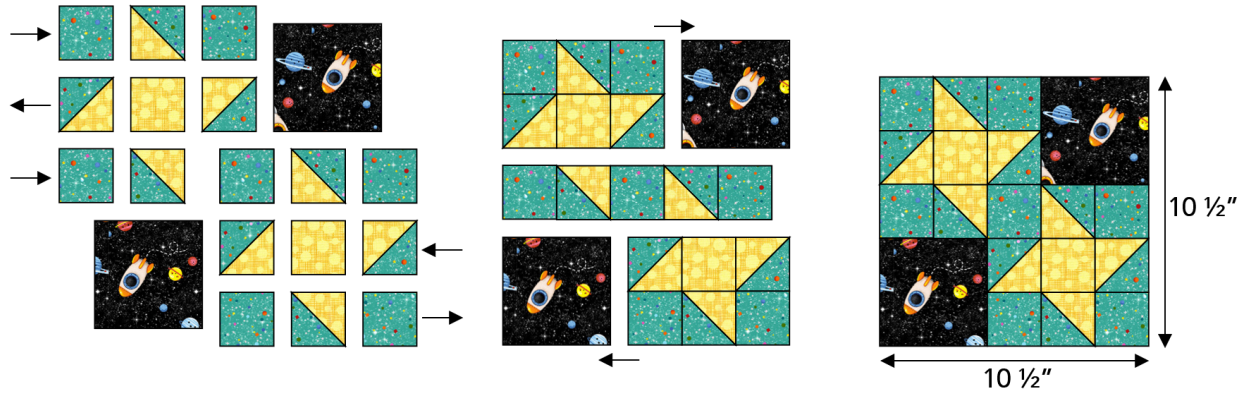
Block B:

- Begin HST unit assembly by placing (1) Fabric A 3" square with a drawn diagonal line with (1) Fabric F 3" square, right sides together and edges aligned.
- Sew a ¼" away from both sides of the drawn diagonal line.
- Use a rotary cutter to cut along the drawn line, separating the two sides and creating (2) HST units.
- Trim HST units to measure 2 ½" x 2 ½" unfinished. Repeat to create (16) identical HST units using Fabrics A and F.

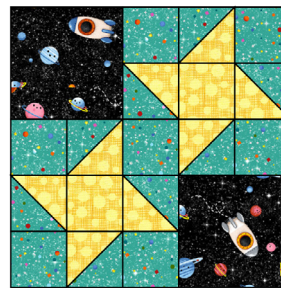


- Gather (8) A/F HST units, (2) Fabric A 2 ½" squares, (7) Fabric F 2 ½" squares and (2) Fabric C 4 ½" squares for Block B assembly. Lay out units as shown in the diagram. Diagrams show Block B in all stages of assembly. Arrows indicate pressing instructions.
- Repeat to create (2) mirror image Block B (one of each assembly method). Block B should measure 10 ½" x 10 ½" unfinished.

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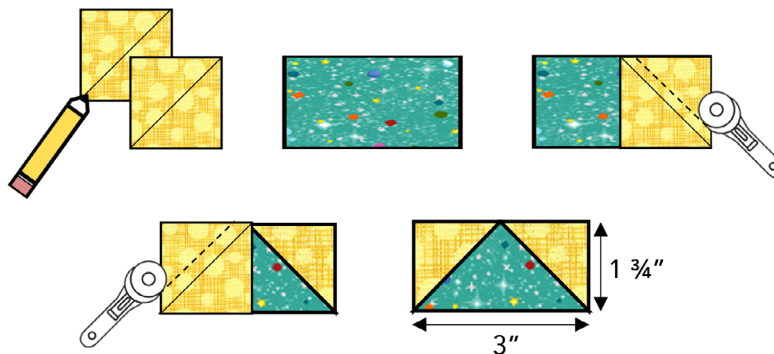
Create (1)



Create (1)

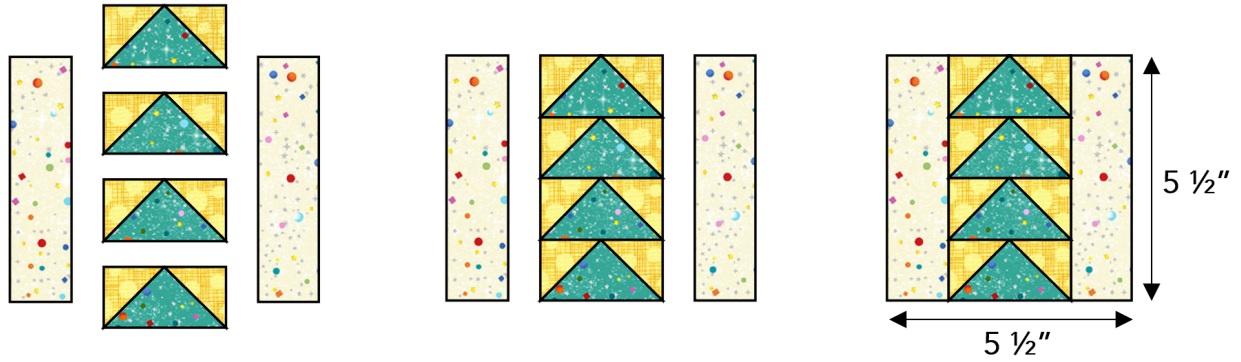
Block C:

12. Begin flying geese unit assembly using (2) Fabric A $1\frac{3}{4}$ " squares with a drawn diagonal line and (1) Fabric F $1\frac{3}{4}$ " x 3" rectangle. Place (1) Fabric A square onto the corner of (1) Fabric F rectangle, right sides together and edges aligned.
13. Sew along the drawn diagonal line. Trim outermost excess fabric to $\frac{1}{4}$ " and press toward the corner.
14. Repeat stitch and flip techniques on the remaining corner of the Fabric F rectangle to complete the flying geese unit.
15. Repeat to create (64) flying geese units. Trim flying geese units to measure $1\frac{3}{4}$ " x 3" unfinished.



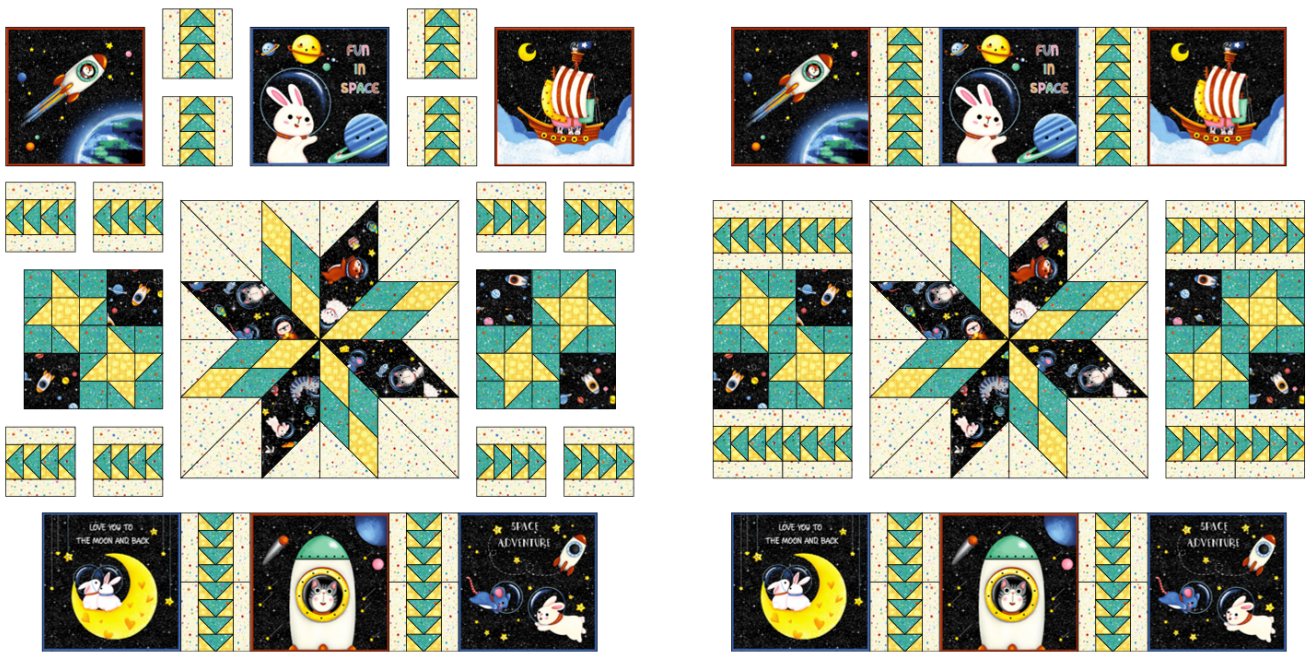
16. Complete Block C using (4) flying geese units and (2) Fabric E $1\frac{3}{4}$ " x $5\frac{1}{2}$ " rectangles as shown.
17. Repeat to create (16) Block C. Block C should measure $5\frac{1}{2}$ " x $5\frac{1}{2}$ " unfinished.

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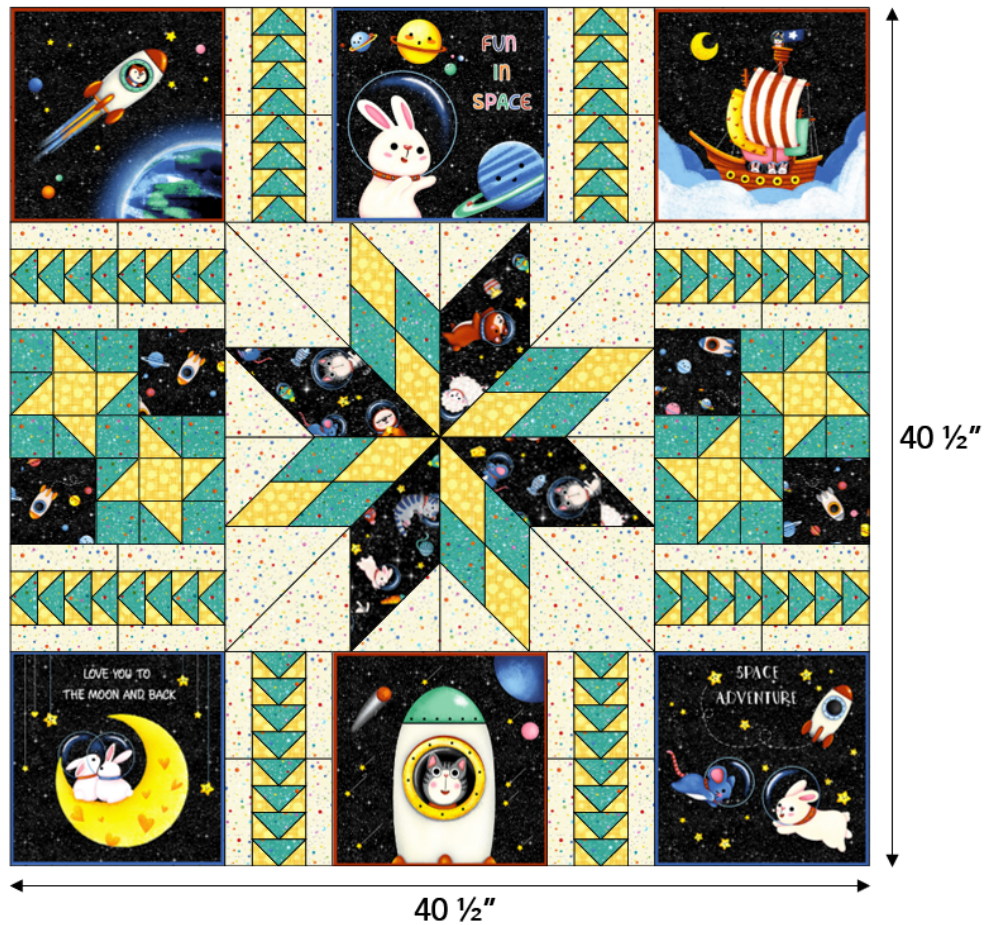


Finishing the Quilt:

18. Lay out Blocks A-C and (6) 10 1/2" x 10 1/2" panel images as shown in the diagram. Begin sewing the quilt top center together as shown. Diagrams show the quilt in all stages of assembly. The completed quilt top center should measure 40 1/2" x 40 1/2" unfinished.



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19. Create Border 2 by sewing (5) Fabric C 4 1/2" x WOF strips end to end using a diagonal seam. Trim seams to 1/4" and press.
20. From the long Fabric C strip, **first** trim (2) 4 1/2" x 50 1/2" strips for the top and bottom of the quilt. **Last**, trim (2) 4 1/2" x 42 1/2" strips for the sides of the quilt.
21. Attach Border 1. Sew (1) Fabric F 1 1/2" x 40 1/2" strip to either side of the quilt top center. Press outward toward the border. Sew (1) Fabric F 1 1/2" x 42 1/2" strip to the top and bottom of the quilt top center. Press outward toward the border.
22. Attach Border 2. Sew (1) Fabric C 4 1/2" x 42 1/2" strip to either side of the quilt top. Press outward. Sew (1) Fabric C 4 1/2" x 50 1/2" strip to the top and bottom of the quilt top. Press outward to complete. Completed quilt top should measure 50 1/2" x 50 1/2" unfinished.

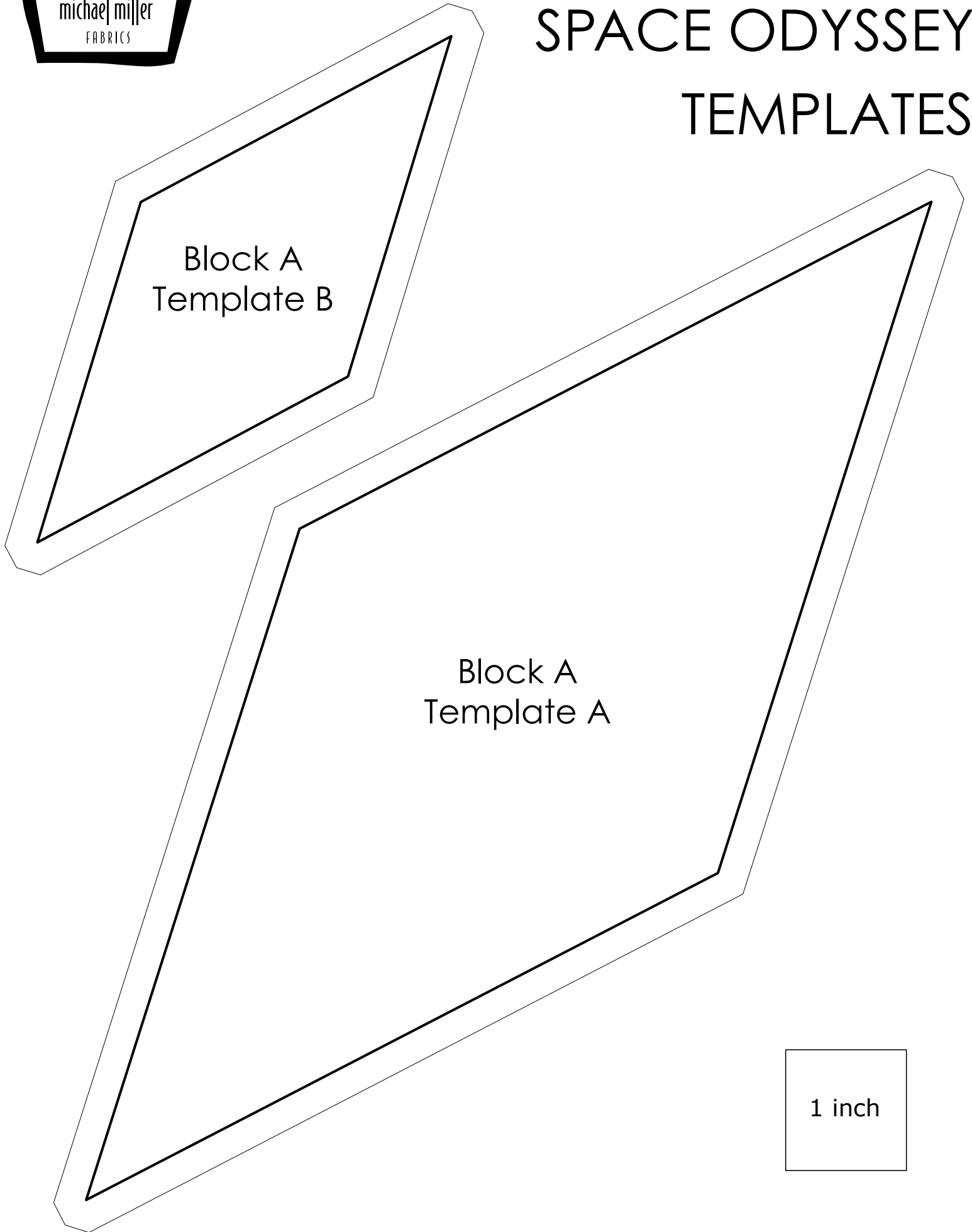
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23. Sandwich quilt with batting and backing. Baste quilt layers together using your preferred method. Quilt as desired.
24. Create binding by sewing (6) Fabric A 2 ¼" x WOF strips together end to end using a diagonal seam to create a long strip. Trim seams to ¼" and press.
25. Press the long strip in half widthwise, with wrong sides together. Attach and finish binding using your preferred method.



SPACE ODYSSEY TEMPLATES



Block A
Template B

Block A
Template A

