

michael miller FABRICS

# ZOO DAY

SIZE: 59" x 68" • LEVEL: INTERMEDIATE • PATTERN BY: NATALIE CRABTREE • FAMILY FUN DAY COLLECTION  
PATTERN AVAILABLE ON: [WWW.MICHAELMILLERFABRICS.COM](http://WWW.MICHAELMILLERFABRICS.COM)

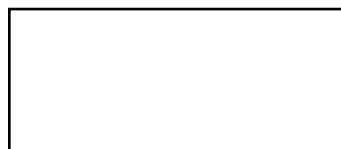


THIS IS A DIGITAL REPRESENTATION OF THE QUILT TOP, FABRIC MAY VARY.

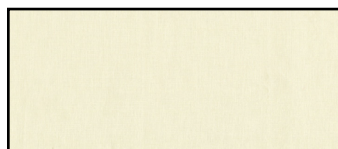
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# ZOO DAY



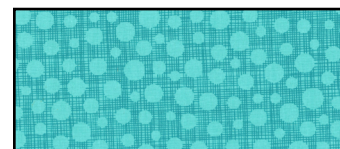
**FABRIC A**  
Cotton Couture  
SC5333  
Bright White  
1 ½ yards



**FABRIC B**  
Cotton Couture  
SC5333  
Cream  
½ yard



**FABRIC C**  
Hash Dot  
CX6699  
Papaya  
⅞ yard



**FABRIC D**  
Hash Dot  
CX6699  
Light Blue  
⅞ yard



**FABRIC E**  
Family Fun Day  
CX9031  
White  
¼ yard



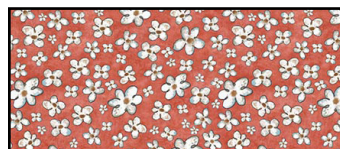
**FABRIC F**  
Family Fun Day  
DCX9035  
Blue  
¼ yard



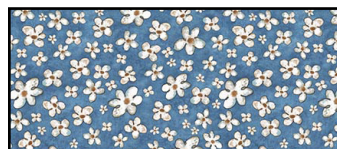
**FABRIC G**  
Family Fun Day  
DCX9032  
Green  
1 yard



**FABRIC H**  
Family Fun Day  
CX9040  
Navy  
¼ yard



**FABRIC I**  
Family Fun Day  
CX9038  
Red  
½ yard



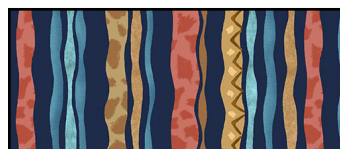
**FABRIC J**  
Family Fun Day  
CX9038  
Blue  
¾ yard



**FABRIC K**  
Family Fun Day  
CX9037  
Orange  
½ yard



**FABRIC L**  
Family Fun Day  
CX9037  
Tan  
¾ yard



**FABRIC M**  
Family Fun Day  
CX9033  
Navy  
1 yard  
*(includes binding)*





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## Additional supplies needed:

Backing: 3  $\frac{3}{4}$  yards

Batting: 65" x 74" piece of batting for 3" overage on each side

Basic Sewing Supplies, Fusible Web of your choice for applique

(HST = Half Square Triangle, WOF = Width of Fabric)

## Cutting Instructions

**Fusible Web** (Applique instructions included in this pattern are for raw edge applique, therefore the printed size of the applique templates are the finished applique sizes. If you wish to complete turn under applique, simply add  $\frac{1}{4}$ " around all edges of the template and complete your preferred method of applique.):

- Trace all applique letters provided and (6) applique rectangles onto the smooth side of fusible web. Cut out each applique letter and rectangle just outside of the traced line allowing room for trimming.

KEY	CUTTING INSTRUCTIONS
<b>A</b>	<ul style="list-style-type: none"><li>Cut (4) 6" x WOF strips. Subcut (26) 6" squares; cut each square once diagonally to create (52) HST for Block A.</li><li>Cut (8) 3 <math>\frac{1}{4}</math>" x WOF strips. Subcut (48) 3 <math>\frac{1}{4}</math>" x 6" rectangles for Block B.</li></ul>
<b>B</b>	<ul style="list-style-type: none"><li>Use an iron to fuse all applique letters onto the wrong side of fabric. Cut each applique letter out on the traced line and set aside.</li></ul>
<b>C</b>	<ul style="list-style-type: none"><li>Cut (8) 2 <math>\frac{1}{4}</math>" x WOF strips. Subcut (130) 2 <math>\frac{1}{4}</math>" squares; cut each square once diagonally to create (260) HST for Block A.</li><li>Cut (1) 2 <math>\frac{3}{4}</math>" x WOF strip. Subcut (13) 2 <math>\frac{3}{4}</math>" squares; cut each square once diagonally to create (26) HST for Block A.</li><li>With remaining yardage use an iron to fuse all applique letters onto the wrong side of fabric. Cut each applique letter out on the traced line and set aside.</li></ul>
<b>D</b>	<ul style="list-style-type: none"><li>Cut (5) 1 <math>\frac{7}{8}</math>" x WOF strips. Cut (1) strip in half widthwise to create (2) shorter 1 <math>\frac{7}{8}</math>" strips for Block B.</li></ul>
<b>E</b>	<ul style="list-style-type: none"><li>Cut (1) 6 <math>\frac{3}{4}</math>" x WOF strip. Subcut (3) 6 <math>\frac{3}{4}</math>" squares for Block A.</li></ul>
<b>F</b>	<ul style="list-style-type: none"><li>Cut (1) 6 <math>\frac{3}{4}</math>" x WOF strip. Subcut (4) 6 <math>\frac{3}{4}</math>" squares for Block A.</li></ul>
<b>G</b>	<ul style="list-style-type: none"><li>Cut (4) 6" x WOF strips for Border (2 top/bottom).</li><li>Cut (1) 6 <math>\frac{3}{4}</math>" x WOF strip. Subcut (3) 6 <math>\frac{3}{4}</math>" squares for Block A.</li></ul>
<b>H</b>	<ul style="list-style-type: none"><li>Cut (1) 6 <math>\frac{3}{4}</math>" x WOF strip. Subcut (3) 6 <math>\frac{3}{4}</math>" squares for Block A.</li></ul>
<b>I</b>	<ul style="list-style-type: none"><li>Cut (4) 1 <math>\frac{7}{8}</math>" x WOF strips. Cut (1) strip in half widthwise to create (2) shorter 1 <math>\frac{7}{8}</math>" strips for Block B.</li><li>Cut (2) 1 <math>\frac{7}{8}</math>" x WOF strips. Subcut (24) 1 <math>\frac{7}{8}</math>" squares for Block B.</li></ul>
<b>J</b>	<ul style="list-style-type: none"><li>Cut (1) 2 <math>\frac{3}{4}</math>" x WOF strip. Subcut (4) 2 <math>\frac{3}{4}</math>" squares; cut each square once diagonally to create (8) HST for Block A.</li><li>Cut (3) 2 <math>\frac{1}{4}</math>" x WOF strips. Subcut (40) 2 <math>\frac{1}{4}</math>" squares; cut each square once diagonally to create (80) HST for Block A.</li></ul>

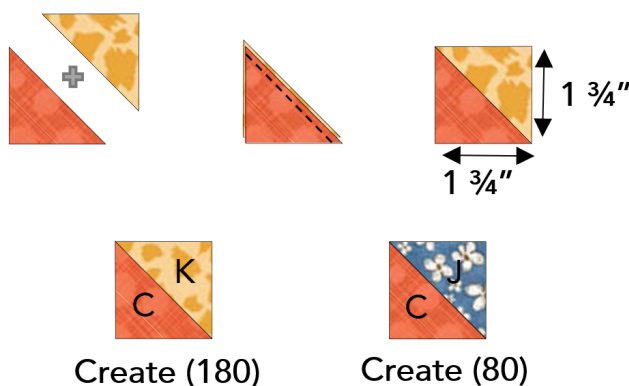
<b>K</b>	<ul style="list-style-type: none"> <li>Cut (1) 2 3/4" x WOF strip. Subcut (9) 2 3/4" squares; cut each square once diagonally to create (18) HST for Block A.</li> <li>Cut (5) 2 1/4" x WOF strips. Subcut (90) 2 1/4" squares; cut each square once diagonally to create (180) HST for Block A.</li> </ul>
<b>L</b>	<ul style="list-style-type: none"> <li>Cut (6) 1 1/2" x WOF strips for Border 1.</li> <li>Cut (4) 1 7/8" x WOF strips. Cut (1) strip in half widthwise to create (2) shorter 1 7/8" strips for Block B.</li> <li>Cut (2) 1 7/8" x WOF strips. Subcut (24) 1 7/8" squares for Block B.</li> </ul>
<b>M</b>	<ul style="list-style-type: none"> <li>Cut (7) 2 1/4" x WOF strips for binding.</li> <li>Cut (3) 1 1/2" x WOF strips for Border 2 (sides).</li> <li>Cut (4) 1 7/8" x WOF strips. Subcut (48) 1 7/8" x 3 1/4" rectangles for Block B.</li> </ul>

## Piecing Instructions

### Block A

(Block A is featured in (8) colorways. General instructions and piecing diagrams are given for Colorway 1. Color guides and completed diagrams are given for Colorways 2-8. Some fabric pieces are cut oversized to allow for trimming.)

- Begin Block A assembly by creating HST units. Place (2) 2 1/4" HST right sides together and edges aligned. (HST are cut oversized to allow for trimming.) Sew along the longest edge using a 1/4" seam.
- Press towards the dark fabric. Trim all HST units to 1 3/4" x 1 3/4" unfinished.
- Using the HST unit assembly instructions provided above, assemble HST units in (2) colorways. Fabric pairings and quantity to make are listed below. Diagrams show accurate fabric pairings.
  - Create (180) HST units:** Fabrics C and K
  - Create (80) HST units:** Fabrics C and J



Create (180)

Create (80)

- Sew (5) 1 3/4" HST units of the same colorway together with points all facing the same direction to create an HST row. Press all seams open to reduce bulk. (Please note: Half of the HST rows should have HST facing left, and half of the HST rows should have the HST facing right. They create mirror images. Diagrams show accurate HST unit orientation.) Use the following guide and diagrams to create HST rows.



- a. **HST row using (5) C/K HST units facing left:** Create (18)
  - b. **HST row using (5) C/K HST units facing right:** Create (18)
  - c. **HST row using (5) C/J HST units facing left:** Create (8)
  - d. **HST row using (5) C/J HST units facing right:** Create (8)
5. Trim HST rows to measure 1 ¾" x 6 ¾" unfinished.



Create (18)



Create (18)

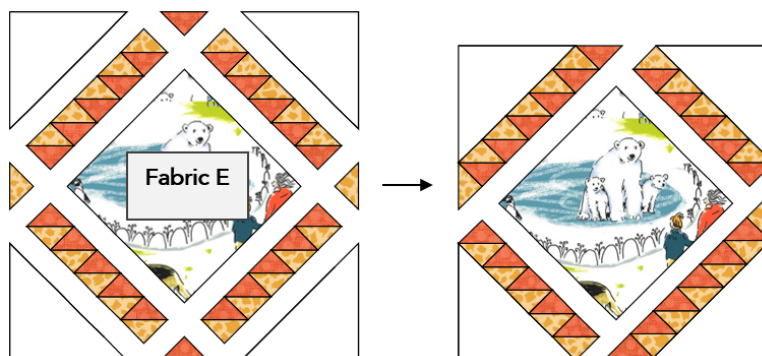


Create (8)

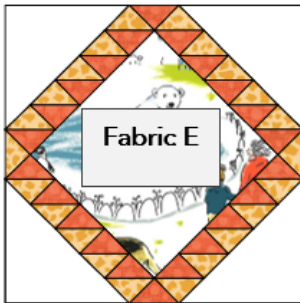
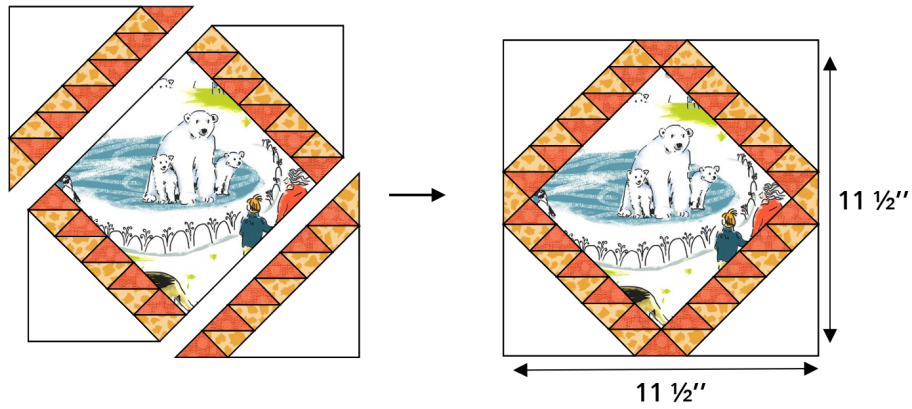


Create (8)

6. Use HST rows created in the above steps, 6 ¾" squares from various fabrics, (2) 2 ¾" HST from Fabrics C, J and K, and (4) Fabric A 6" HST to create Block A Colorways 1-8 as shown in the diagrams. Diagrams show accurate fabric pairings. Assembly diagrams are shown using Colorway 1. (Please note: Fabric A 6" HST and 2 ¾" HST from Fabrics C, J and K are cut oversized to allow for block trimming.)
7. Use the following guide to create the correct quantity of blocks per each colorway:
- a. **Colorway 1 - Create (2):** Use (1) Fabric E 6 ¾" square for the center.
  - b. **Colorway 2 - Create (3):** Use (1) Fabric F 6 ¾" square for the center.
  - c. **Colorway 3 - Create (2):** Use (1) Fabric H 6 ¾" square for the center.
  - d. **Colorway 4 - Create (2):** Use (1) Fabric G 6 ¾" square for the center.
  - e. **Colorway 5 - Create (1):** Use (1) Fabric G 6 ¾" square for the center.
  - f. **Colorway 6 - Create (1):** Use (1) Fabric H 6 ¾" square for the center.
  - g. **Colorway 7 - Create (1):** Use (1) Fabric E 6 ¾" square for the center.
  - h. **Colorway 8 - Create (1):** Use (1) Fabric F 6 ¾" square for the center.
8. Trim all Block A to measure 11 ½" x 11 ½" unfinished. Trim evenly from all sides of the block to maintain the ¼" seam allowances located in the center of each side of the block. Number of Block A should total (13).



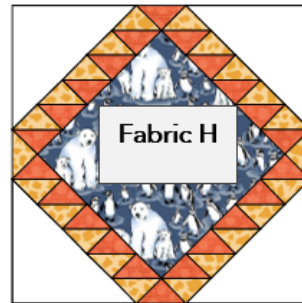
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Create (2)



Create (3)



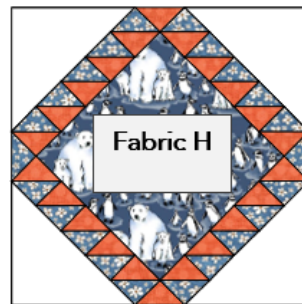
Create (2)



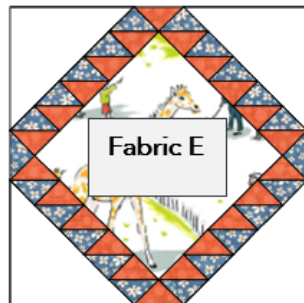
Create (2)



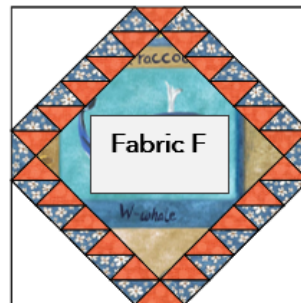
Create (1)



Create (1)



Create (1)



Create (1)

## Block B

9. Begin Block B assembly by creating strip sets using  $1\frac{7}{8}$ " x WOF strips and shorter  $1\frac{7}{8}$ " strips. To eliminate waste, some strip sets are created using half of the WOF cut (*cut during cutting instructions*). These are represented as a  $\frac{1}{2}$  strip set. Sew strips together lengthwise to create strip sets. Use the following guide and diagrams to create the correct quantity of strip sets for each colorway. Press seams toward Fabric D in Colorways 1 and 2. Press seams toward Fabric L in Colorway 3.

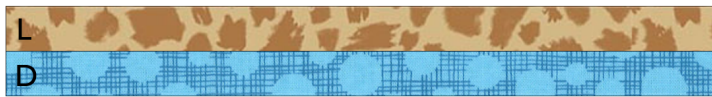
a. **Colorway 1: Create (2  $\frac{1}{2}$ ) strip sets:** Fabrics D and L

b. **Colorway 2: Create (2  $\frac{1}{2}$ ) strip sets:** Fabrics D and I

c. **Colorway 3: Create (1  $\frac{1}{2}$ ) strip sets:** Fabrics I and L



Colorway 1: Create 2  $\frac{1}{2}$  strip sets



Colorway 2: Create 2  $\frac{1}{2}$  strip sets



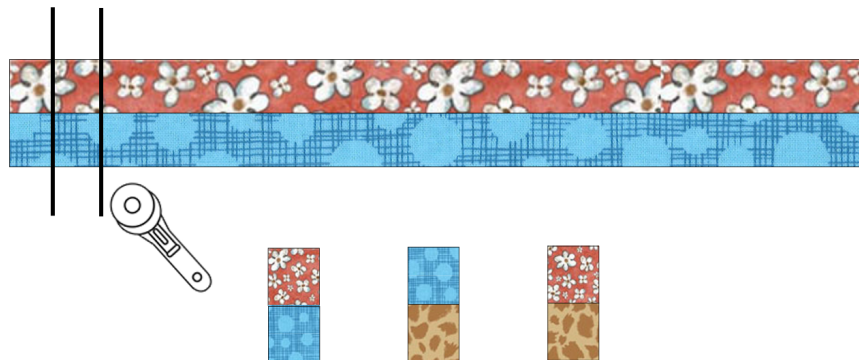
Colorway 3: Create 1  $\frac{1}{2}$  strip sets

10. Subcut  $1\frac{7}{8}$ " sections from each strip set to create  $1\frac{7}{8}$ " x  $3\frac{1}{4}$ " units. Use the following guide to cut the correct number of units for each colorway:

a. **Colorway 1:** Subcut (48)  $1\frac{7}{8}$ " x  $3\frac{1}{4}$ " units

b. **Colorway 2:** Subcut (48)  $1\frac{7}{8}$ " x  $3\frac{1}{4}$ " units

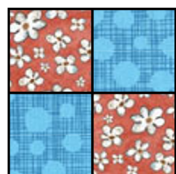
c. **Colorway 3:** Subcut (24)  $1\frac{7}{8}$ " x  $3\frac{1}{4}$ " units



11. Create 4-patch units using (2) subcut units from the strip sets created in the above steps. For Colorways 1 & 2 create (24) 4-patch units, for Colorway 3 create (12) 4-patch units. All 4-patch units should measure  $3\frac{1}{4}$ " x  $3\frac{1}{4}$ " unfinished.



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Colorway 1:  
Create (24)



Colorway 2:  
Create (24)



Colorway 3:  
Create (12)

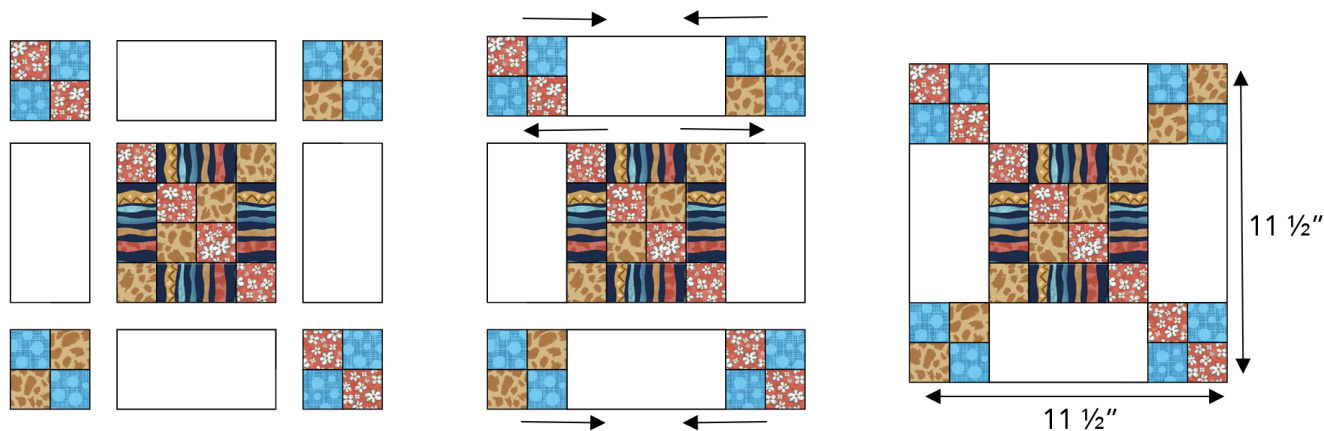
12. Create the center of Block B using (1) Colorway 3 4-patch unit, (2) 1 7/8" squares from Fabrics I and L and (4) Fabric M 1 7/8" x 3 1/4" rectangles. Press all seams toward Fabric M.

13. Repeat to create (12) Block B centers. Block B centers should measure 6" x 6" unfinished.



14. Complete Block B using (2) 4-patch units from Colorways 1 & 2, (1) Block B center and (4) Fabric A 3 1/4" x 6" rectangles. Turn 4-patch units so that Fabrics I and L create continuous chains throughout Block B. Press all seams toward Fabric A.

15. Repeat to create (12) Block B. Block B should measure 11 1/2" x 11 1/2" unfinished.



## Border Assembly

16. Create Border 1 by sewing (6) Fabric L 1 1/2" x WOF strips end to end using a diagonal seam. Trim seams to 1/4" and press.

17. From the long Fabric L strip, cut (2) 1 1/2" x 55 1/2" for the side Border 1. Trim (2) 1 1/2" x 57 1/2" for the top/bottom Border 1.

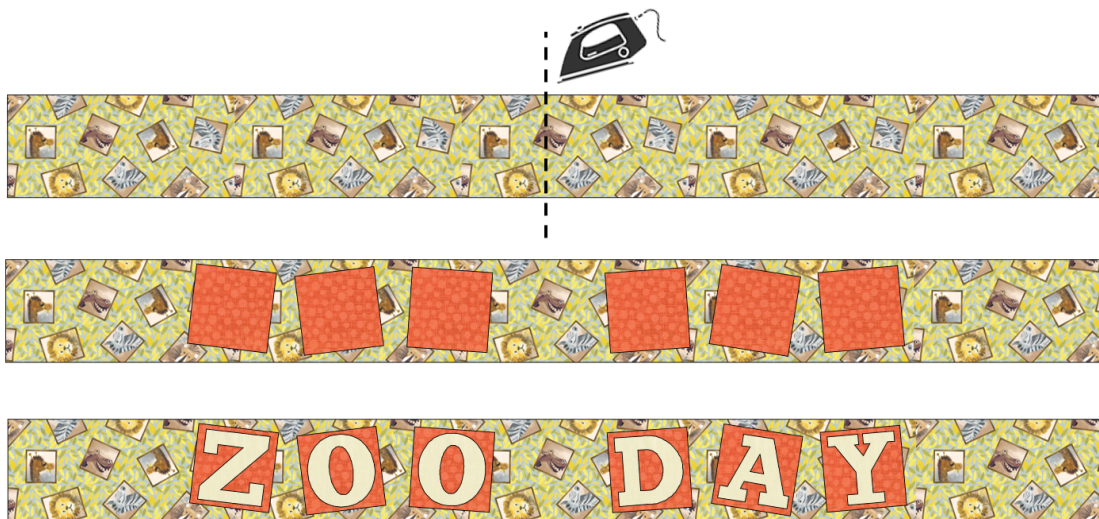
18. Create the side Border 2 by sewing (3) Fabric M 1 1/2" x WOF strips together end to end using a diagonal seam, matching the stripes if possible.

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19. From the long Fabric M strip, cut (2) 1 ½" x 57 ½" for the side Border 2.
20. Create the top/bottom Border 3 by sewing (2) Fabric G 6" x WOF strips together end to end using a diagonal seam, matching prints to create a continuous pattern with the fabric.
21. Repeat twice to create (2) long Fabric G strips.
22. Trim both Fabric G strips to measure 6" x 59 ½" unfinished for the top/bottom Border 2.

## "Zoo Day" Applique

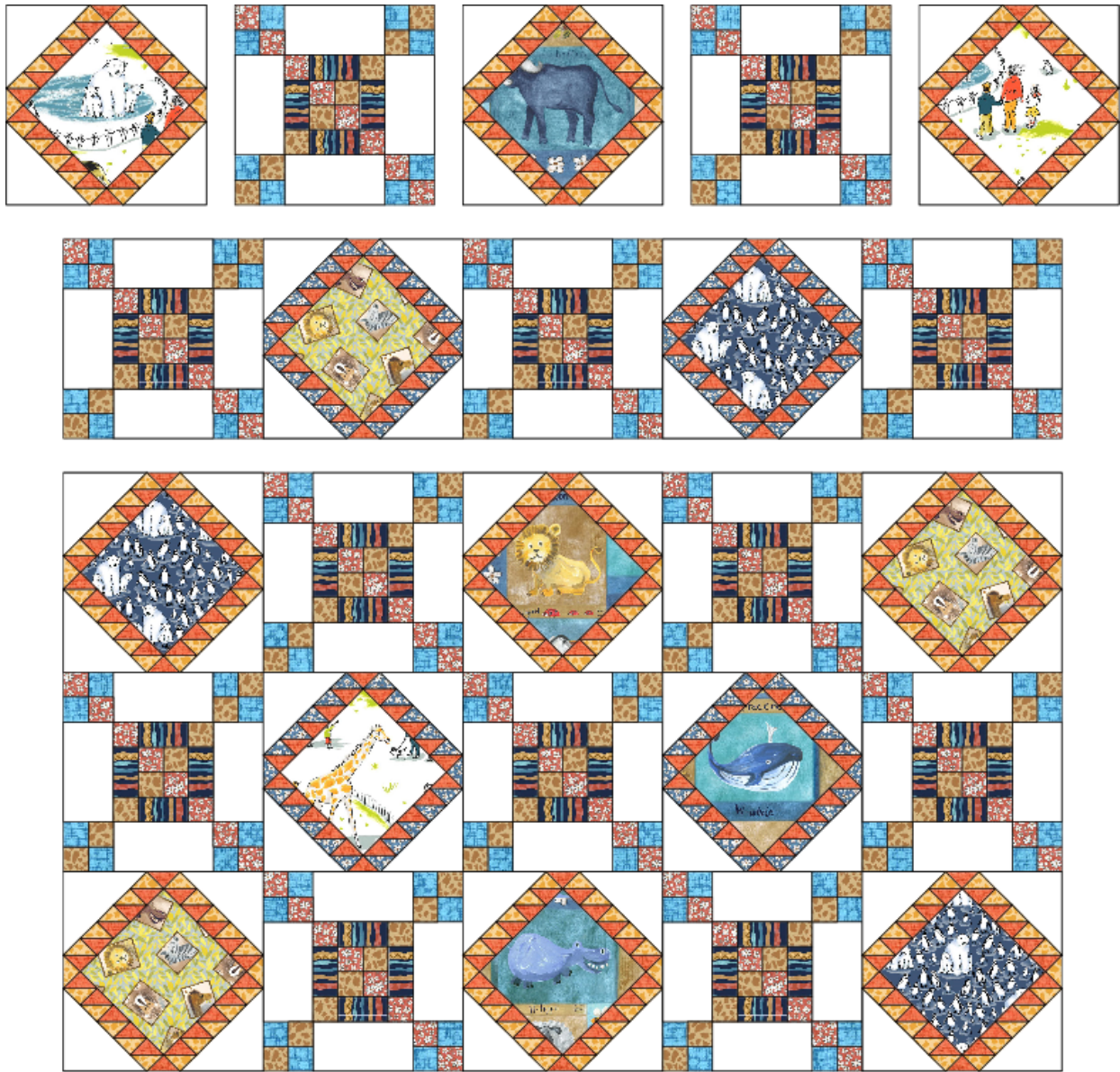
23. Remove the paper from the glue side of each applique template. Set aside.
24. Choose (1) Fabric G 6" x 59 ½" strip for the top border. Fold the strip in half lengthwise. Press a crease in the strip to mark the exact center. It allows for more accurate and even applique distribution.
25. Lay out applique templates, placing letters on top of the rectangles as shown. Once you are happy with the placement of the applique, use an iron to fuse the applique into place. Make sure that the applique are thoroughly fused before moving the border strip.
26. Using a thread color and decorative stitch of your choice, sew around each individual applique template to secure.
27. Snip threads and press for a nice finish.



## Finishing the Quilt

28. The quilt top center is assembled in a 5 x 5 grid. Lay out Blocks A and B as shown in the diagram, alternating between blocks and colorways throughout. Sew blocks together in horizontal block rows, alternating the direction in which you press the seams in each row.
29. Sew all horizontal block rows together to complete the quilt top center. Quilt top center should measure 55 ½" x 55 ½" unfinished.

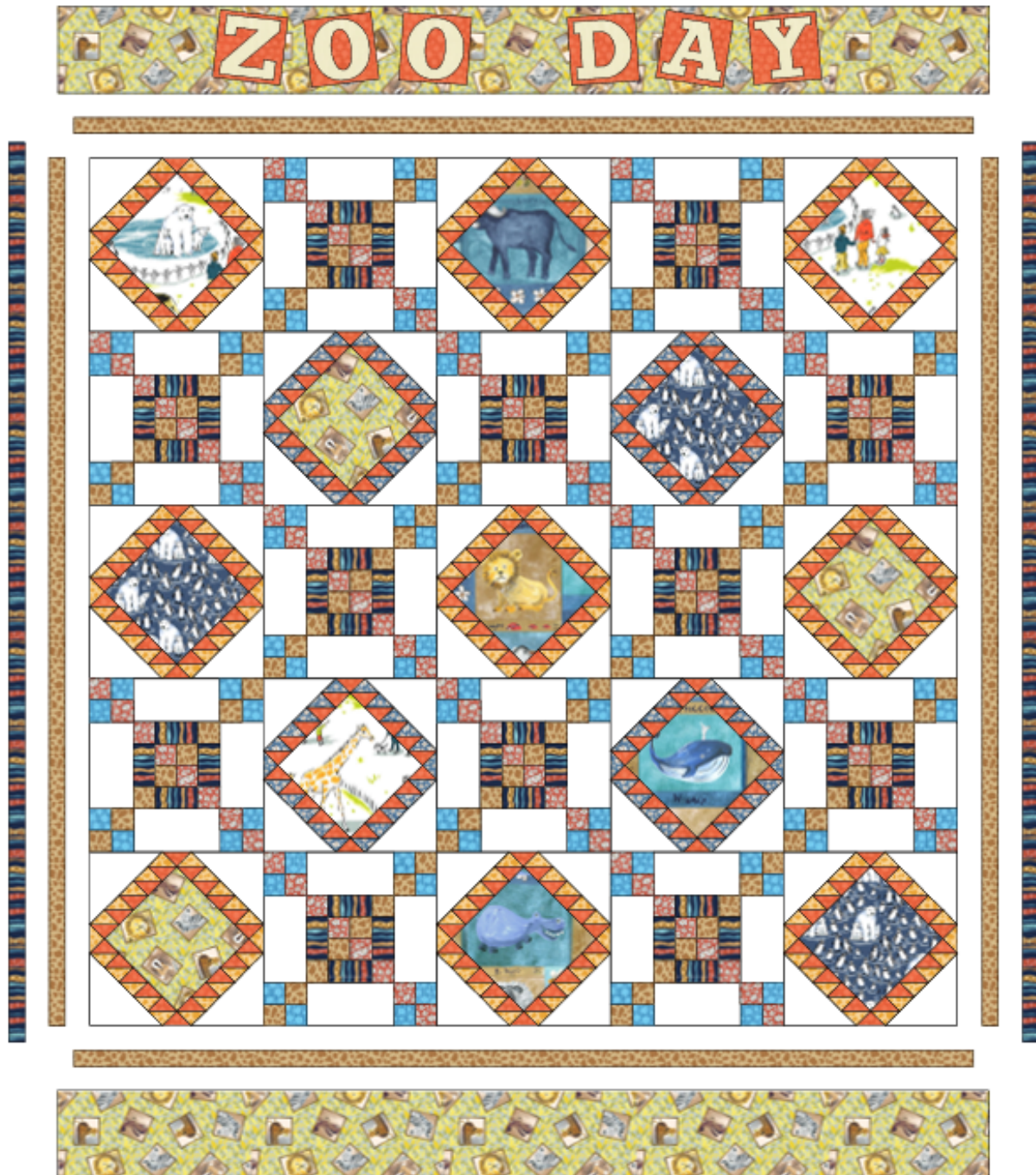
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30. Attach Borders in numerical order. For all borders sew the side borders on first, followed by the top/bottom borders. Press all seams outward toward the last sewn border.
31. Press for a nice finish. Finished quilt top should measure 59 1/2" x 68 1/2" unfinished.



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32. Layer the quilt with batting and backing. Baste quilt layers together using your preferred method.
33. Quilt as desired.
34. Create binding using (7) Fabric M 2 ¼" x WOF strips. Bind using your preferred method.

# Zoo Day Applique Templates by Natalie Crabtree for Michael Miller Fabrics

Zoo Day Applique Rectangle

1 inch

Trace (2) "O" Templates

