

Nuts & Bolts

Fabric Collection by **Chris Reed**



FREE
PATTERN
available on
our website.
pbtex.com

Nutty Robots Quilt by Michele Crawford
Quilt Size: 64 1/2" x 91 1/2"



pbtex.com

Nutty Robots

Fabric Collection by **Chris Reed**

Quilt by Michele Crawford using the *Nuts & Robots* fabric collection from P&B Textiles

Finished quilt: 64 1/2" x 91 1/2"

Yardage

NUTS & ROBOLTS:

1 3/4 yards	NROB 302B Panel/blocks
2/3 yard	NROB 303YG Tossed robots - green
1 yard	NROB 303Y Tossed robots - yellow
1/6 yard	NROB 304G Gears - green
3/8 yard	NROB 304K Gears - black
3/8 yard	NROB 304R Gears - red
1/6 yard	NROB 304Y Gears - yellow
2/3 yard	NROB 306BB Blue/blue stripe
1/3 yard	NROB 306OR Orange/orange stripe

COLOR SPECTRUM:

1 1/4 yards	CSNE-W solid white
1/3 yard	CSNE-K solid black

BACKING:

5 1/2 yards	Any <i>Nuts & Robots</i> fabric
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Cutting

From the panel/blocks, cut:

40 1/2" x 57 1/2" piece for quilt panel center (15 blocks)

Fussy cut:

Horizontally: Cut 3/4" above the first row of blocks and below the last row of blocks

Vertically (parallel to the selvage): On each side, cut 1/4" beyond the black stripe on the outside of the last blue stripe

From the tossed robots - green, cut:

(2) 10 1/2" strips; cut into (4) 10 1/2" x 17 1/2" outer-border strips

From the tossed robots - yellow, cut:

(3) 10 1/2" strips; cut into (6) 10 1/2" x 17 1/2" outer-border strips

From the gears - green, cut:

(1) 3 3/8" strip; cut into (8) 3 3/8" squares (Small Pinwheel Blocks)

From the gears - black, cut:

(1) 3 3/8" strip; cut into (8) 3 3/8" squares (Small Pinwheel Blocks)

(2) 5 7/8" strips; cut into (8) 5 7/8" squares (Large Pinwheel Blocks)

From the gears - red, cut:

(1) 3 3/8" strip; cut into (8) 3 3/8" squares (Small Pinwheel Blocks)

(2) 5 7/8" strips; cut into (12) 5 7/8" squares (Large Pinwheel Blocks)

From the gears - yellow, cut:

(1) 3 3/8" strip; cut into (8) 3 3/8" squares (Small Pinwheel Blocks)

From the white, cut:

(3) 3 3/8" strips; cut into (32) 3 3/8" squares (Small Pinwheel Blocks)

(4) 5 7/8" strips; cut into (20) 5 7/8" squares (Large Pinwheel Blocks)

From the orange stripe, cut:

(6) 1 1/2" middle-border strips

From the black, cut:

(6) 1 1/2" inner-border strips

From the blue stripe, cut:

(9) 2 1/4" binding strips



Construction

SMALL PINWHEEL BLOCK

1. Draw a diagonal line on the wrong side of each $3\frac{3}{8}$ " white square. With right sides together, pair a marked square with each $3\frac{3}{8}$ " green square. Sew $\frac{1}{4}$ " from both sides of the drawn line. Cut on the drawn line to make (2) 3" half-square-triangle units. Make a total of (16) green half-square-triangle units.



2. Repeat step 1 using the remaining marked squares and the $3\frac{3}{8}$ " yellow, red, and black squares to make (16) half-square-triangle units of each color.



3. Sew four green half-square-triangle units together to make a $5\frac{1}{2}$ " pinwheel block. Make a total of (4) green pinwheel blocks.



4. Repeat step 3 using the yellow, red and black half-square-triangle units. Make (4) pinwheel blocks of each color.

5. Using (2) pinwheel block of each color, sew the blocks together as shown in the photo to make a $40\frac{1}{2}$ "-long border strip. Make a total of (2) pinwheel border strips.

6. Sew a pinwheel border strip to the top and bottom of the center panel to make a $40\frac{1}{2}$ " x $67\frac{1}{2}$ " quilt center.

7. Sew the $1\frac{1}{2}$ "-wide black inner-border strips together end to end to make a long strip; press. From the long strip, cut (2) $40\frac{1}{2}$ "-long strips and sew them to the top and bottom of the quilt center. From the remaining long strip, cut (2) $69\frac{1}{2}$ "-long strips and sew them to the sides of the quilt center.

8. Sew the $1\frac{1}{2}$ "-wide orange middle-border strips together end to end to make a long strip; press. From the long strip, cut (2) $42\frac{1}{2}$ "-long strips and sew them to the top and bottom of the quilt center. From the remaining long strip, cut (2) $71\frac{1}{2}$ "-long strips and sew them to the sides of the quilt center.

OUTER BORDER

9. Repeat steps 1 – 3 using the $5\frac{7}{8}$ " white squares and the $5\frac{7}{8}$ " red squares and black squares. Make a total of (4) black/white $10\frac{1}{2}$ " pinwheel blocks and (4) red/white $10\frac{1}{2}$ " pinwheel blocks.

10. Sew (1) red pinwheel block between (2) $10\frac{1}{2}$ " x $17\frac{1}{2}$ " green strips to make a border strip; press. Make (2) border strips and sew them to the top and bottom of the quilt top.

11. Sew (3) $10\frac{1}{2}$ " x $17\frac{1}{2}$ " yellow strips and (2) red pinwheel blocks together alternating them as shown in the photo to make a border strip. Sew a black pinwheel block to each end of the strip. Make (2) border strips and sew them to each side of the quilt top; press.

12. Layer the quilt top with batting and backing; baste. Quilt as desired. Bind the edges to finish. Add a label to the back of your quilt.



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NROB 302 B SHOWN SELVAGE TO SELVAGE



NROB 303 T



NROB 303 Y



NROB 303 YG



NROB 304 G



NROB 304 K



NROB 304 R



NROB 304 Y



NROB 305 B



NROB 305 K



NROB 305 KW



NROB 306 BB



NROB 306 GG



NROB 306 OR



NROB 306 YB



NROB 306 YR

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100% cotton • Cold wash & dry • 43"/44" • Colors may vary due to printing process • 6/08

All fabrics shown at 50% scale except the black strip which is shown at 13%.