# Momentum





FREE PATTERN

## Momentum

QUILT DESIGNED BY AGEstudio



FABRICS DESIGNED BY KATARINA ROCCELLA



TWT-20216 ENCHANTED LEAVES FOREST



TWT-20201 KUMBU FIBERS



TWT-20208 BUTTONBALLS RUSTIC



TWT-20203 ENCHANTED LEAVES POWDER



TWT-20217 DOTTED IMPRESSION



TWT-20215 GRIDDED SEEDS MINERAL





TWT-20213 GINKGO GUST SUNRISE



TWT-20219

BUTTONBALLS SOMBER

TWT-20218 TORN EDGES



TWT-20214 AMULET STONEWARE







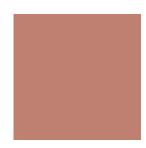
#### ADDITIONAL BLENDERS FOR THIS PROJECT





PE-507 POTTER'S CLAY

PE-413 CAVIAR



PE-472 CINNAMON

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FINISHED SIZE | 80" × 80"

#### FABRIC REQUIREMENTS

Fabric A	TWT-20216	1 yd.
Fabric <b>B</b>	TWT-20201	37⁄8 yd.
Fabric C	TWT-20208	5∕s yd.
Fabric D	PE-507	½ yd.
Fabric <b>E</b>	TWT-20203	½ yd.
Fabric <b>F</b>	TWT-20211	5∕8 yd.
Fabric <b>G</b>	TWT-20212	½ yd.
Fabric <b>H</b>	TWT-20219	³⁄₃ yd.
Fabric I	TWT-20214	F8.
Fabric J	TWT-20217	³⁄₃ yd.
Fabric <b>K</b>	PE-413	⅔ yd.
Fabric L	TWT-20215	F8.
Fabric M	PE-472	⅔ yd.
Fabric N	TWT-20213	³⁄₃ yd.
Fabric O	TWT-20218	1 yd.

BACKING FABRIC PE-472 7 ½ yds (Suggested)

BINDING FABRIC Fabric **O** TWT-20218 (Included)

#### CUTTING DIRECTIONS

<sup>1</sup>/<sub>4</sub>" seam allowances are included. WOF means width of fabric.

- Two (2) 16%" squares from fabric **A**.
- Eight (8)  $4^{1/2}$ " squares from fabric **A**.
- Two (2) 10" squares from fabric A.
- Two (2) 167%" squares from fabric **B**.
- Nine (9) 10" squares from fabric **B**.
- Four (4)  $28\frac{1}{2}$ " x  $4\frac{1}{2}$ " rectangles from fabric **B**.
- Four (4)  $24^{\frac{1}{2}}$  x  $4^{\frac{1}{2}}$  rectangles from fabric **B**.
- Eight (8)  $12\frac{1}{2}$ " x  $4\frac{1}{2}$ " rectangles from fabric **B**.
- Sixteen (16)  $8\frac{1}{2}$ " x  $4\frac{1}{2}$ " rectangles from fabric **B**.
- Forty eight (48) 4<sup>1</sup>/<sub>2</sub>" squares from fabric **B**.
- Three (3) 10" squares from fabric C.
- Twelve (12)  $4^{1/2}$ " squares from fabric **C**.
- Four (4) 10" squares from fabric **D**.
- One (1) 10" square from fabric E.
- Four (4)  $8\frac{1}{2}$ " x  $4\frac{1}{2}$ " rectangles from fabric **E**.
- Eight (8)  $4^{1/2}$ " squares from fabric **E**.
- Twelve (12)  $8\frac{1}{2}$ " x  $4\frac{1}{2}$ " rectangles from fabric **F**.
- Eight (8)  $4^{1/2}$ " squares from fabric **F**.
- Two (2) 10" squares from fabric G.
- Two (2) 4%" squares from fabric **G**.
- Twelve (12)  $4^{1/2}$ " squares from fabric **G**.
- Two (2) 10" square from fabric **H**.
- One (1) 10" squares from fabric I.
- Eight (8)  $4\frac{1}{2}$ " squares from fabric J.
- Four (4)  $8\frac{1}{2}$ " x  $4\frac{1}{2}$ " rectangles from fabric J.
- Two (2) 10" squares from fabric K.
- One (1) 10" square from fabric L.
- Eight (8)  $4^{1/2}$ " squares from fabric **M**.
- Four (4)  $8\frac{1}{2}$ " x  $4\frac{1}{2}$ " rectangles from fabric **M**.

- One (1) 10" square from fabric **N**.
- Four (4)  $4\frac{1}{2}$ " squares from fabric **N**.
- Two (2) 4%" squares from fabric **O**.
- Twelve (12)  $4^{\frac{1}{2}}$  squares from fabric **O**.
- Four (4)  $8\frac{1}{2}$ " x  $4\frac{1}{2}$ " rectangles from fabric **O**.
- Eight (8) 1<sup>1</sup>/<sub>2</sub>" x WOF strips from fabric O (binding).

#### CONSTRUCTION

Sew all rights sides together with ¼"seam allowance.

#### Magic 8 technique:

- Place one (1) 10" square from fabrics **A** and **B** right sides facing together.
- Draw a line diagonally corner to corner using a mechanical pencil or frixion pen.



DIAGRAM 1

• Stitch at <sup>1</sup>/<sub>4</sub>" from each side of the drawn lines.



DIAGRAM 2

• You will cut a horizontal line, vertical line, and on both diagonal lines. following the diagram below.

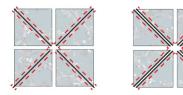
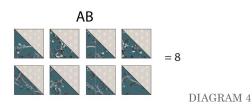


DIAGRAM 3

• Trim each HST to 4½" square. You will have a total of eight (8) HST.



• Repeat the same Magic 8 instructions for the following 10" squares of the following fabric combinations:

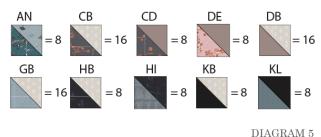
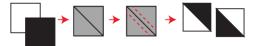


DIAGRAM 5

#### Half Square Triangle (HST) Construction:

- Take two (2) 47/8" fabric squares .
- Draw a line diagonally corner to corner using a mechanical pencil or frixion pen.
- Stitch at 1/4" from each side of the drawn lines.
- Cut the pieces apart along the marked diagonal line.
- Press and trim to a 4<sup>1</sup>/<sub>2</sub>" perfect square.



• Take one (1) 47%" square from fabrics **G** and **O** and follow the half square triangle construction creating two (2) **GO** hst's following the diagram below.

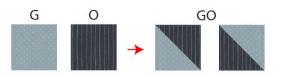


DIAGRAM 6

Then, take one (1) 4<sup>7</sup>/<sub>8</sub>" square from fabrics G and O and cut on the opposite direction creating two
(2) GO hst's following the diagram below.

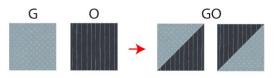


DIAGRAM 7

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• Join two (2) 16<sup>7</sup>/<sub>8</sub>" squares from fabric **A** and **B**.

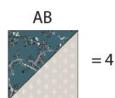


DIAGRAM 8

#### Flying Geese Construction:

- Take one (1) 8<sup>1</sup>/<sub>2</sub>" x 4<sup>1</sup>/<sub>2</sub>" rectangle and two (2) 4<sup>1</sup>/<sub>2</sub>" squares.
- Place one (1)  $4\frac{1}{2}$ " square on top of the  $8\frac{1}{2}$ " x  $4\frac{1}{2}$ " rectangle.
- Align it to the left side of the rectangle, right sides facing together and draw a diagonal line on top of the square following the diagram below.



DIAGRAM 9

- Stitch on the drawn line.
- Trim excess fabric leaving <sup>1</sup>/<sub>4</sub>" seam allowance and press open.



DIAGRAM 10

- Take one (1) 4<sup>1</sup>/<sub>2</sub>" square and align it on the right side of the fabric 8<sup>1</sup>/<sub>2</sub>" x 4<sup>1</sup>/<sub>2</sub>" rectangle, right sides facing together.
- Draw a diagonal line on top of the square.
- Stitch on the drawn line and then press open.



• Follow the diagram bellow for each flying geese fabric combination.

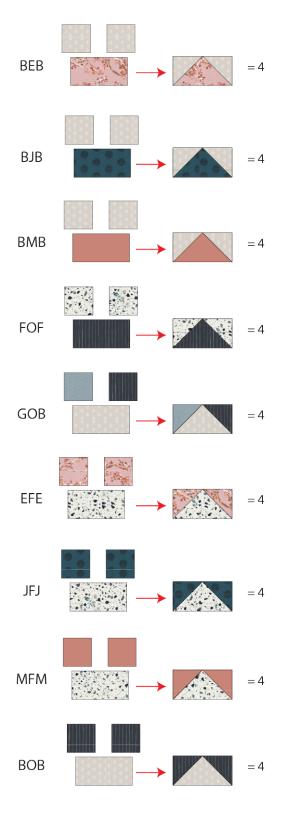


DIAGRAM 12

• Take your HST from fabric **GO** and pair them them following the diagram below.



DIAGRAM 13

• Follow the diagram below for rows 1 through 4 assembly.



• Now, join two (2)  $16\frac{1}{2}$ " **AB** hst on each side of your assembled piece.



For row 10, take two (2) BEB, two (2) EFE, two (2) BJB, two (2) JFJ, two (2) BMB, two (2) MFM, two (2) FOF, two (2) OBO, two (2) GBO and Center block and join each piece following the diagram below.



DIAGRAM 16

• Follow the diagram below for rows 5-15 assembly.



• Follow the diagram below for rows 16-19 assembly



• Now, pair (2) 16<sup>1</sup>/<sub>2</sub>" **AB** hst on each side of your assembled piece.



DIAGRAM 19

• Join all rows together in order to complete your quilt top.



#### QUILT ASSEMBLY

Sew rights sides together.

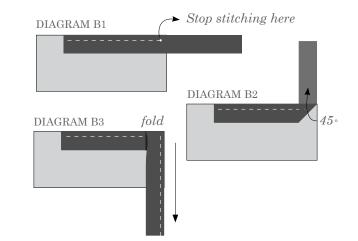
- Place BACKING FABRIC on a large surface wrong side up. Stretch it with masking tape against that surface.
- Place BATTING on top of backing fabric.
- Place TOP on top of the batting with right side facing up. Smooth away wrinkles using your hands.
- Pin all layers together and baste with basting thread, using long stitches. You can also use safety pins to join the layers.
- Machine or hand quilt starting at the center and working towards the corners. Remember that quilting motifs are a matter of personal preference. Have fun choosing yours!
- After you finished, trim excess of any fabric or batting, squaring the quilt to proceed to bind it.

#### BINDING

Sew rights sides together.

- Cut enough strips 1<sup>1</sup>/<sub>2</sub>" wide by the width of the fabric **O** to make a final strip 330" long. Start sewing the binding strip in the middle of one of the sides of the quilt, placing the strip right side down and leaving an approximated 5" tail. Sew with <sup>1</sup>/<sub>4</sub>" seam allowance (using straight stitch), aligning the strip's raw edge with the quilt top's raw edge.
- Stop stitching ¼" before the edge of the quilt (DIAGRAM B 1). Clip the threads. Remove the quilt from under the machine presser foot.
  Fold the strip in a motion of 45° and upward, pressing with your fingers (DIAGRAM B2).
  Hold this fold with your finger, bring the strip down in line with the next edge, making a horizontal fold that aligns with the top edge of the quilt (DIAGRAM B3). Start sewing at ¼" of the border, stitching all the layers. Do the same in the four corners of the quilt.

- Stop stitching before you reach the last 5 or 6 inches. Cut the threads and remove the quilt from under the machine presser foot. Lay the loose ends of the binding flat along the quilt edge, folding the ends back on themselves where they meet. Press them together to form a crease. Using this crease as the stitching line, sew the two open ends of the binding with right sides together (you can help yourself marking with a pencil if the crease is difficult to see).
- Trim seam to ¼" and press open. Complete the sewing. Turn binding to back of the quilt, turn raw edge inside and stitch by hand using blind stitch.







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NOTE: While all possible care has been taken to ensure the accuracy of this pattern, We are not responsible for printing errors or the way in which individual work varies.

Please read instructions carefully before starting the construction of this quilt. If desired, wash and iron your fabrics before starting to cut.

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