Tumbling Blocks
Approximate Over-all Size 86 x 79

Be sure to read ALL instructions completely **BEFORE** cutting material...

*Fabric Yardage:*

- 1-3/4 yd
- 2 yd
- 2 yd
** 5/8 yd - Border #1 or inside border

** 3/4 yd - Border #2 or middle border

** 1 yd - Border #3 or outside border

** The estimate for this fabric assumes that long strips ARE pieced.

This yardage chart shows the fabrics needed for this quilt. Each 60-degree diamond measures approximately 6-5/8 x 5-3/4.

**Cutting:**

**From Light Blue fabric:**
Cut (2) 60-degree Quarter diamonds
Cut (6) 60-degree Horizontal half diamonds
Cut (6) 60-degree Vertical half-diamonds
Cut (46) 60-degree diamonds

**From Dark Blue fabric:**
Cut (7) 60-degree Quarter diamonds
Cut (49) 60-degree diamonds

**From Green fabric:**
Cut (7) 60-degree Quarter diamonds
Cut (49) 60-degree diamonds

You will need a TOTAL of (144) 60-degree Diamonds.
You will need a TOTAL of 172 cut pieces.
**Cutting Borders:**

**Light Green Inside Border #1:**
Cut 8 strips 2” x WOF (width of fabric)

**Yellow Middle Border #2:**
Cut 8 strips 2-1/2” x WOF (width of fabric)

**Light Green Outside border #3:**
Cut 9 strips 3-1/2” x WOF (width of fabric)

**Assembly of Quilt Center:**

**STEP 1:** Either purchase an Easy Six ruler or make a Mylar template as shown below. Make three additional templates: a horizontal half-diamond, a vertical half diamond, and a quarter-diamond. Be sure you add a quarter inch seam allowance to each template.

**STEP 2:** Trace and cut an equal number of light, medium, and dark fabric diamonds for your tumbling block quilt pattern.

**STEP 3:** Pin and stitch along seam lines, from point to point stopping exactly at seam allowance. Do not extend stitching into seam allowance. Accurate matching of points and angles is essential.

**STEP 4:** Be sure the light, medium, and dark fabrics fall on same side of each block. This is important to keep the visual image flowing correctly.

**STEP 5:** Sew the medium and dark diamonds and press the seam toward the darker diamond.

**STEP 6:** Then add light diamond, matching point and angles. Pin and sew along one side starting at inner corner to outer point.

**STEP 7:** Repeat along second side starting at center point and advancing to outer edge of hexagon. The point where the seams meet must be smooth without any “bunching”.

**STEP 8:** Assemble the completed hexagons into rows making sure light medium and dark are in same position.

**STEP 9:** Stitch blocks into rows then join rows together always pressing seams toward darker pieces if possible.

**STEP 10:** There you have it...a perfect tumbling block quilting pattern. Simply by rearranging the blocks you are able to achieve different effects.
**Block Assembly:**

![Diagram of quilt blocks]

**Finishing Quilt**
If required, calculations are rounded to the nearest quilter’s fraction of 1/8”.

The following calculations were made using a seam allowance of 1/4” (unless noted otherwise), a width of fabric (WOF) of 42”, a binding cut width of 2-1/2”, a backing excess of 4”, and borders sewn to the sides of the quilt center first, then to the top and bottom of the quilt.

- A finished quilt center width of 72-3/4”
- A finished quilt center length of 66”
- A finished inner border width of 1-1/2” (pieced seams) (diagonal sewn ends)
- A finished middle border width of 2” (pieced seams) (diagonal sewn ends)
- A finished outer border width of 3” (pieced seams) (diagonal sewn ends)

A rule of thumb is to add 1/8 to 1/4 yard to all yardage to account for shrinkage, straightening, cutting errors, and prints that may require special cutting to get the best results. You should protect your investment in time and fabric by making a sample block from scrap material before cutting into your fabric.

**Inner Border**
You will need 5/8 yards of fabric. Remove the selvage. Sew the 2” x WOF strips together end-to-end with a diagonal seam. Cut 2 strips 66-1/2” long for the quilt sides and cut 2 strips 76-1/4” long for the quilt top and bottom. When finished adding the inner border, the quilt should measure 76-1/4” wide by 69-1/2” long.

These strips are mathematically calculated. Measure **YOUR** quilt top from center both horizontally and vertically before cutting border lengths.

**Middle Border**
You will need 3/4 yards of fabric. Remove the selvage. Sew the 2-1/2” x WOF strips together end-to-end with a diagonal seam. Cut 2 strips 69-1/2” long for the quilt sides and cut 2 strips 80-1/4” long for the quilt top and bottom. When finished adding the inner border, the quilt should measure 80-1/4” wide by 73-1/2” long.
These strips are mathematically calculated. Measure YOUR quilt top from center both horizontally and vertically before cutting border lengths.

**Outer Border**
You will need 1 yard of fabric. Remove the selvage. Sew the 3-1/2” x WOF strips together end-to-end with a diagonal seam. Cut 2 strips 73-1/2” long for the quilt sides and cut 2 strips 86-1/4” long for the quilt top and bottom. When finished adding the outer border, the quilt should measure 86-1/4” wide by 79-1/2” long.

These strips are mathematically calculated. Measure YOUR quilt top from center both horizontally and vertically before cutting border lengths.

**Backing**
You will need 7-1/3 yards of fabric. Remove the selvage. For vertical piecing, cut 3 pieces 87-1/2” long by the WOF. Sew the pieces together along the long edges with a 1/2” seam (for backing only). Press seams open, then trim the width to 94-1/4”. When finished, the backing should measure 94-1/4” wide by 87-1/2” long.

**Binding**
You will need 5/8 yard of fabric. Remove the selvage. Cut 9 strips 2-1/2” wide by the WOF. Sew the strips together end-to-end with a diagonal seam. Fold binding strip lengthwise with wrong sides together. Press using an up and down motion making sure you do not stretch the binding by pulling the iron back and forth over the fabric.
Increase this template to equal 6-5/8” x 5-3/4”

Make 3 additional templates:
1. Horizontal half-diamond
2. Vertical half-diamond
3. Quarter-diamond

Cutting Diagrams