

# Archimedes Adds Color

(Finish size  $\approx$  68" x 56")

## Fabric Requirements:

Background	3 yards (998)
Spirals (Sample in Banyan Batiks Ketan Basics)	5 levels of value in 7 different colors – 1 fat quarter of each
Reds	200, 210, 282, 240, 260
Oranges	370, 371, 570, 377, 384
Yellows	155, 500, 512, 522, 535
Greens	700, 720, 710, 782, 785
Blue Greens	612, 715, 732, 633, 627
Blues	610, 422, 465, 467, 649
Purples	800, 810, 830, 860, 850
Binding	$\frac{5}{8}$ yard (490)
Backing	3 $\frac{3}{4}$ yards

This pattern is recommended for quilters with intermediate appliqué experience.



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# Archimedes Adds Color



*A Pattern from Swan Amity Studios*

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**Instructions:** Please read the directions completely prior to beginning. The sample is made using the freezer paper and starch appliqué method, however the pattern is suitable for any appliqué method. The appliqué shapes have been reversed for your convenience. This pattern assumes the use of a ¼" seam allowance.

### Preparing the background:

1. Press the background material and cut 7 strips 9" x WOF (Width of Fabric).
2. Mark each strip with a vertical centering line down the length of the strip and another horizontal line 1" from the top of each strip.
3. Set aside the remainder of the background fabric to be used for borders.

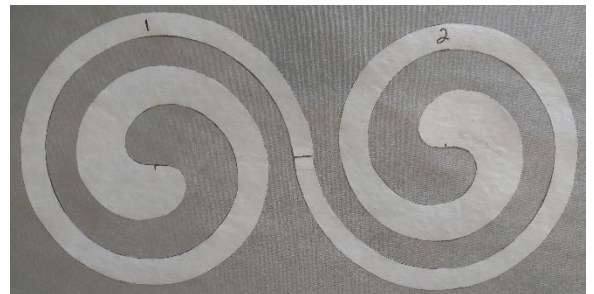
### Appliquing:

1. To create the necessary shapes, mark the top spiral with a #1 and the other portion with a #2 cut apart the pattern provided and create two types of shapes.
2. The first shape is created from Spiral 1 alone. Trace or create templates from this shape to make the lightest value spiral at the top of each color set.



Shape 1

3. The second shape is created by attaching Spiral 1 and Spiral 2 as shown. Use this new double spiral to trace or create templates for the remaining color values in each color set.



Shape 2

4. Prepare your appliqué shapes using your preferred applique method.
5. Use a light box and the vertical and horizontal centering lines marked earlier to center position the spirals in the strips, starting the spirals at the base of the horizontal line. You will interlace your spirals from top to bottom.
6. Appliqué the shapes using your chosen method.



### Trimming the appliquéd columns to size:

1. When the appliquéd spirals are complete, press the 7 strips to remove any wrinkles.
2. Beginning by trimming the top of each column  $\frac{3}{4}$ " above the horizontal marking line, trim each strip to measure  $8\frac{1}{2}$ " x  $40\frac{1}{2}$ ".

### Piecing the columns:

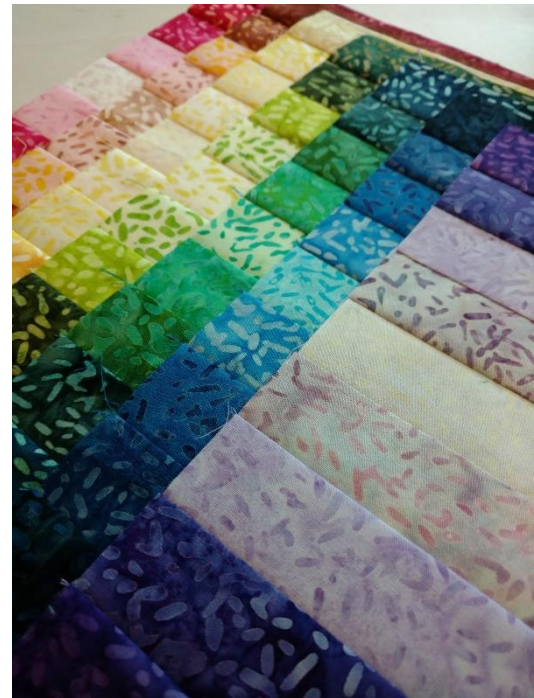
1. Piece the columns from left to right. Your center will now measure  $56\frac{1}{2}$ " x  $40\frac{1}{2}$ ".



### Borders:

1. From the Background Fabric cut 2 strips  $6\frac{1}{2}$ " x WOF and subcut both to measure  $6\frac{1}{2}$ " x  $40\frac{1}{2}$ ".
2. Stitch the side borders to either side of the quilt center and press toward the border fabric. The quilt will now measure  $68\frac{1}{2}$ " x  $40\frac{1}{2}$ ".
3. From the Background Fabric cut 2 strips  $8\frac{1}{2}$ " x WOF. Square the ends of the strips and stitch the two strips together to create one long strip.
4. Center the long border piece along the base of the quilt, pin into place, and stitch. Press toward the border fabric.
5. Trim off the excess from both sides of the bottom border and reserve the excess.
6. From the lightest value of each color group, cut one rectangle  $1\frac{1}{2}$ " x  $8\frac{1}{2}$ ".
7. From the remaining fabrics in each color group cut two rectangles  $1\frac{1}{2}$ " x  $8\frac{1}{2}$ ".

8. Arrange your rectangles in their color families with the lightest fabric at the center and the darker fabrics echoing outward on both sides and stitch in groups, pressing toward the darker fabric each time. Each grouping will measure  $9\frac{1}{2}'' \times 8\frac{1}{2}''$ .
9. Connect the color families in order to create the top border as shown in the cover photo.
10. Add one of the reserved rectangles from step #5 to each end of the colored border.
11. Center the top border, aligning the lightest green fabric with the centering line of the green column. Pin and stitch into place.
12. Trim the excess from both sides of the top border. Your quilt will now measure  $68\frac{1}{2}'' \times 56\frac{1}{2}''$ .



### **Finishing:**

1. With your top completed, measure batting and backing material.
2. Sandwich and quilt as desired.

**Enjoy your beautiful new Archimedes Adds Color Quilt!**

Here at the Studio, we love to see your completed projects. Share a photo of your Archimedes Adds Color on our Facebook page or tag us on Instagram #SwanAmity

