



Emily Annabelle Cathedral Window

Quilt Pattern

Designed by Suzanne Campion for Liberty Fabrics

Finished Size - 64" x 64"

Skill Level – Advanced Beginner / Intermediate

Emily Annabelle Cathedral Window Quilt

Machine pieced cathedral window technique.

SKILL LEVEL: ADVANCED BEGINNER / INTERMEDIATE

This pattern requires an intermediate knowledge of quilting techniques and terminology. The quilt and block diagrams portrayed are virtual images. The layout and look of your project may differ when using actual fabric.

Equipment Needed

Sewing Supplies

Sewing machine with $\frac{1}{4}$ " foot and walking foot if machine quilting.

Sewing Machine needles – Microtex 80/12 recommended.

Cotton thread - 50wt for piecing / 40wt for quilting, 12wt for hand quilting (optional).

Straight pins, scissors, fabric marking pen / pencil, fabric binding clips.

Rotary cutting equipment - mat, ruler, cutter.

Iron and pressing wool mat / ironing board.

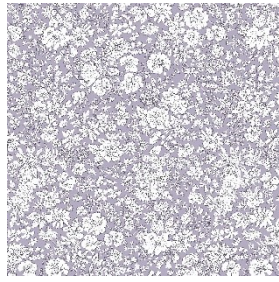
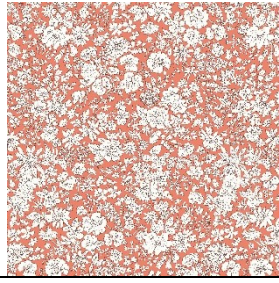
Tailors Awl / Stiletto – not essential but can be helpful in guiding fabric under the feet of a sewing machine.

Optional – for best fussy cutting results a 4.5" Cathedral Window Acrylic template is available from www.suzannecampion.co.uk

Supplies Required



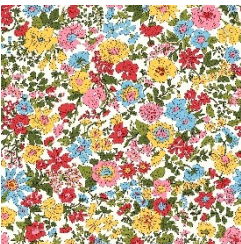
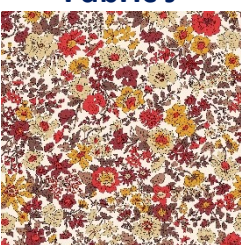
White Cotton Wadding / Batting	97 x 4 $\frac{1}{4}$ " squares for the cathedral window inserts 68" x 68" piece for the quilt sandwich
Backing Fabric	3.60m (4yds) x 44" standard width quilting cotton or 1.80m (2yds) x 108" Wide back
Smooth cotton Piping Cord	6.50m (7 $\frac{1}{4}$ yds) x 4mm

Fabric Requirements for Quilt

Fabric Key	Quantity required	Cutting Details 
<p>Fabric 1</p> 	<p>Madsie Blossom White Item Code: 03386404P</p> <p>5 metres</p>	<p><u>Base Squares</u> 256 x 4 ½" squares</p> <p><u>Window Frames</u> 100 x 4 ½" squares</p> <p><u>Piping Cord cover</u> 6 x 1 ½" x WOF (44") strips</p>
<p>Fabric 2</p> 	<p>Emily Belle – Magnolia Item Code: 01666421A</p> <p>Long Quarter - 18" x 44"</p>	<p><u>Window Frames</u> 32 x 4 ½" squares</p>
<p>Fabric 3</p> 	<p>Emily Belle – Mauve Item Code: 01666404A</p> <p>Long Quarter - 18" x 44"</p>	<p><u>Window Frames</u> 32 x 4 ½" squares</p>
<p>Fabric 4</p> 	<p>Emily Belle – Paprika Item Code: 01666433A</p> <p>Long Quarter - 18" x 44"</p>	<p><u>Window Frames</u> 32 x 4 ½" squares</p>
<p>Fabric 5</p> 	<p>Emily Belle – Marine Blue Item Code: 01666409A</p> <p>Long Quarter - 18" x 44"</p>	<p><u>Window Frames</u> 32 x 4 ½" squares</p>

<p>Fabric 6</p> 	<p>Emily Belle – Vintage Pink Item Code: 01666406A Long Eighth- 9" x 44"</p>	<p><u>Window Frames</u> 16 x 4 ½" squares</p>
<p>Fabric 7</p> 	<p>Emily Belle – Powder Rose Item Code: 01666422A Long Quarter - 18" x 44"</p>	<p><u>Window Frames</u> 32 x 4 ½" squares</p>
<p>Fabric 8</p> 	<p>Emily Belle – Mermaid Item Code: 01666410A Long Quarter - 18" x 44"</p>	<p><u>Window Frames</u> 32 x 4 ½" squares</p>
<p>Fabric 9</p> 	<p>Emily Belle – Sunshine Yellow Item Code: 01666401A Long Eighth- 9" x 44"</p>	<p><u>Window Frames</u> 16 x 4 ½" squares</p>
<p>Fabric 10</p> 	<p>Emily Belle – Peacock Item Code: 01666413A Long Eighth- 9" x 44"</p>	<p><u>Window Frames</u> 16 x 4 ½" squares</p>

<p>Fabric 11</p> 	<p>Emily Belle – Golden Ochre Item Code: 01666431A Long Eighth- 9" x 44"</p>	<p><u>Window Frames</u> 16 x 4 ½" squares</p>
<p>Fabric A</p> 	<p>Emily Annabelle Item Code: 01667525A Fat Quarter - 20" x 22"</p>	<p><u>Window Feature fabric inserts</u> 8 x 4 ½" squares cut on point</p>
<p>Fabric B</p> 	<p>Emily Annabelle Item Code: 01667525B Fat Quarter - 20" x 22"</p>	<p><u>Window Feature fabric inserts</u> 8 x 4 ½" squares cut on point</p>
<p>Fabric C</p> 	<p>Emily Annabelle Item Code: 01667525C Half metre - 20" x 44"</p>	<p><u>Window Feature fabric inserts</u> 12 x 4 ½" squares cut on point</p>
<p>Fabric D</p> 	<p>Emily Annabelle Item Code: 01667525D Half metre - 20" x 44"</p>	<p><u>Window Feature fabric inserts</u> 16 x 4 ½" squares cut on point</p>
<p>Fabric E</p> 	<p>Emily Annabelle Item Code: 01667525E Half metre - 20" x 44"</p>	<p><u>Window Feature fabric inserts</u> 12 x 4 ½" squares cut on point</p>

<p>Fabric F</p> 	<p>Emily Annabelle</p> <p>Item Code: 01667525F</p> <p>Fat Quarter - 20" x 22"</p>	<p><u>Window Feature fabric inserts</u> 8 x 4 1/2" squares cut on point</p>
<p>Fabric G</p> 	<p>Emily Annabelle</p> <p>Item Code: 01667525G</p> <p>Fat Quarter - 20" x 22"</p>	<p><u>Window Feature fabric inserts</u> 8 x 4 1/2" squares cut on point</p>
<p>Fabric H</p> 	<p>Emily Annabelle</p> <p>Item Code: 01667525H</p> <p>Fat Quarter - 20" x 22"</p>	<p><u>Window Feature fabric inserts</u> 8 x 4 1/2" squares cut on point</p>
<p>Fabric I</p> 	<p>Emily Annabelle</p> <p>Item Code: 01667525I</p> <p>Half metre - 20" x 44"</p>	<p><u>Window Feature fabric inserts</u> 12 x 4 1/2" squares cut on point</p>
<p>Fabric J</p> 	<p>Emily Annabelle</p> <p>Item Code: 01667525J</p> <p>Fat Quarter - 20" x 22"</p>	<p><u>Window Feature fabric inserts</u> 5 x 4 1/2" squares cut on point</p>

MAKING INSTRUCTIONS

Cut all your fabrics as per the chart requirements.

All seams are $\frac{1}{4}$ " unless stated otherwise.

WS – Wrong side of fabric **RS** – Right side of fabric

To make Cathedral Window quilt top

Top Tip - If it is your first time at this technique, I recommend reading through my 'How to' Guide on pages 21-23 and having a go at making the sample before cutting into your fabric to make this project.

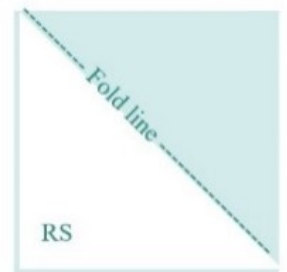
All seams are to be pressed **open** to enable the precision needed for this machine pieced cathedral window technique.

1. To form the window frames, fold and press the $4\frac{1}{2}$ " squares into triangles – **WS** together.

Do not use steam.

As the fold is on the bias this will enable the windows to fold over and form the curve of the window.

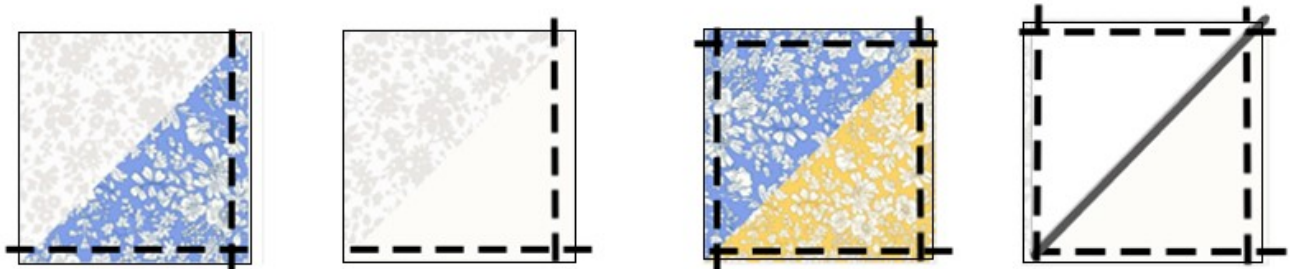
You require 100 folded squares in **Fabric 1** and all the window frame squares specified in the Emily Belle **Fabrics 2-11**.





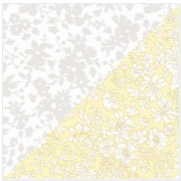
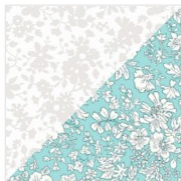
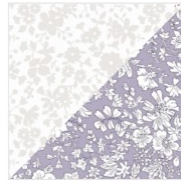


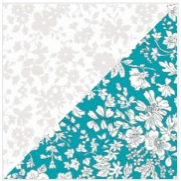

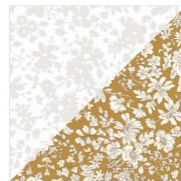



2. The base of each cathedral window unit will be made from four $4\frac{1}{2}$ " squares in **Fabric 1**. Some squares will have a single folded triangle, and the others will have two triangles.





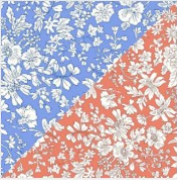






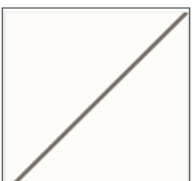
3. Sew the triangles to the base square **RS** together.

Stitch with a normal length within the seam allowance at approx. $\frac{1}{8}$ ", the inside marker of your $\frac{1}{4}$ " piecing foot is a good guide.



For your convenience and ease of sewing , please refer to the charts below so you know exactly how many units to prepare with each fabric with single triangles and double triangles. Please note that you will have 4 base squares in **Fabric 1** left without any triangles, these are used in the quilt corners.

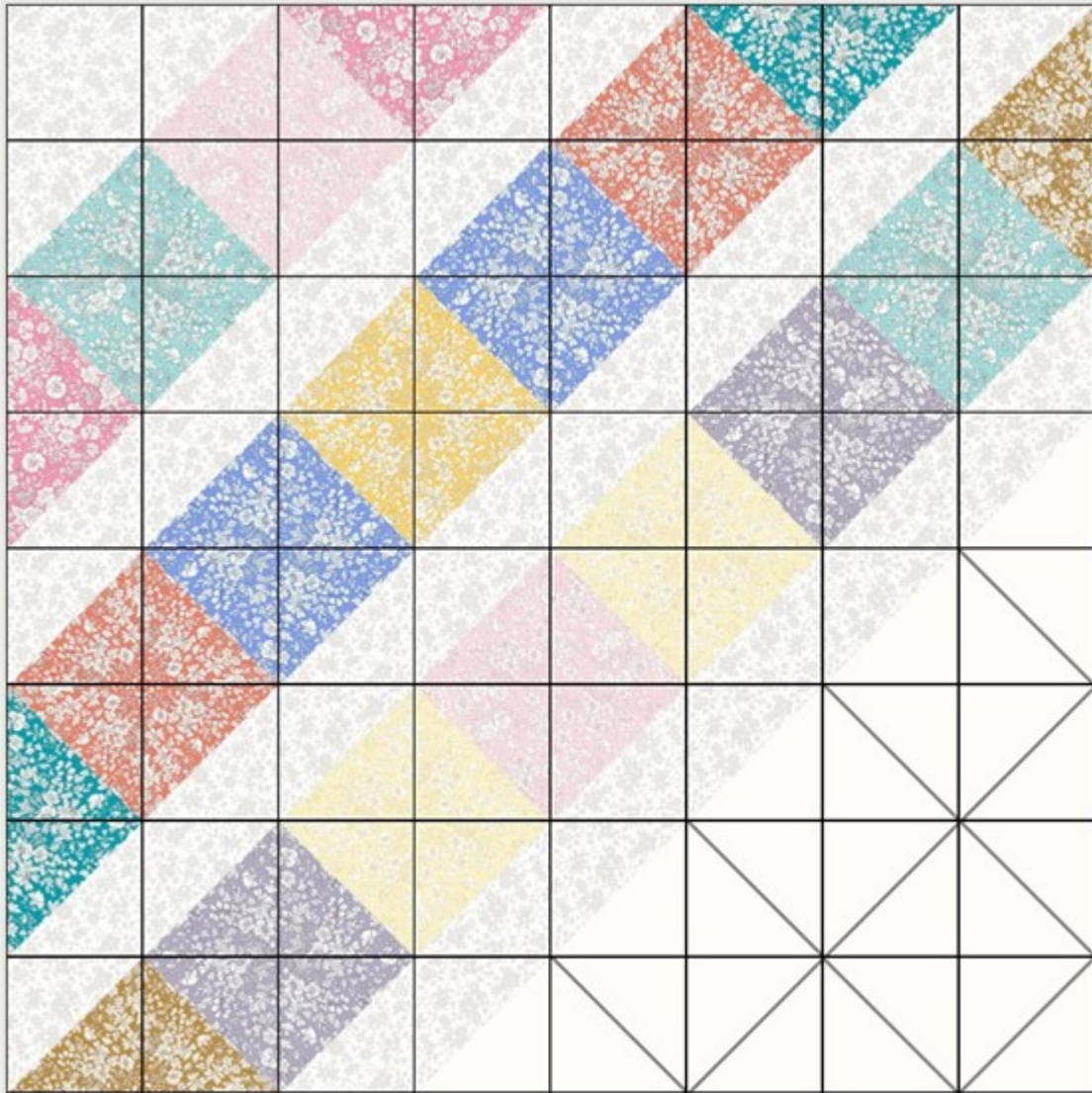
Window Frame Single Triangle Blocks	Number required for quilt	Check box 	Window Frame Single Triangle Blocks	Number required for quilt	Check box 
Fabric 2 Magnolia 	16 (4 per quarter)		Fabric 8 Mermaid 	16 (4 per quarter)	
Fabric 3 Mauve 	16 (4 per quarter)		Fabric 9 Sunshine Yellow 	8 (2 per quarter)	
Fabric 4 Paprika 	16 (4 per quarter)		Fabric 10 Peacock 	8 (2 per quarter)	
Fabric 5 Marine Blue 	16 (4 per quarter)		Fabric 11 Golden Ochre 	8 (2 per quarter)	
Fabric 6 Vintage Pink 	8 (2 per quarter)		Fabric 1 White 	20 (5 per quarter)	
Fabric 7 Powder Rose 	16 (4 per quarter)				

Window Frame Double Triangle Blocks	Number required for quilt	Check box ✓	Window Frame Double Triangle Blocks	Number required for quilt	Check box ✓
Fabrics 2 and 3 	8 (2 per quarter)		Fabrics 6 and 8 	4 (1 per quarter)	
Fabrics 3 and 11 	4 (1 per quarter)		Fabrics 2 and 7 	8 (2 per quarter)	
Fabrics 4 and 5 	8 (2 per quarter)		Fabrics 3 and 8 	4 (1 per quarter)	
Fabrics 5 and 9 	8 (2 per quarter)		Fabrics 8 and 11 	4 (1 per quarter)	
Fabrics 6 and 7 	4 (1 per quarter)		Fabrics 4 and 10 	8 (2 per quarter)	
Fabrics 7 and 8 	4 (1 per quarter)		Fabric 1 White 	40 (10 per quarter)	

- Once you have prepared your base squares with the triangles you can start to sew the blocks together. You need to assemble four quarters the same as per the layout below.

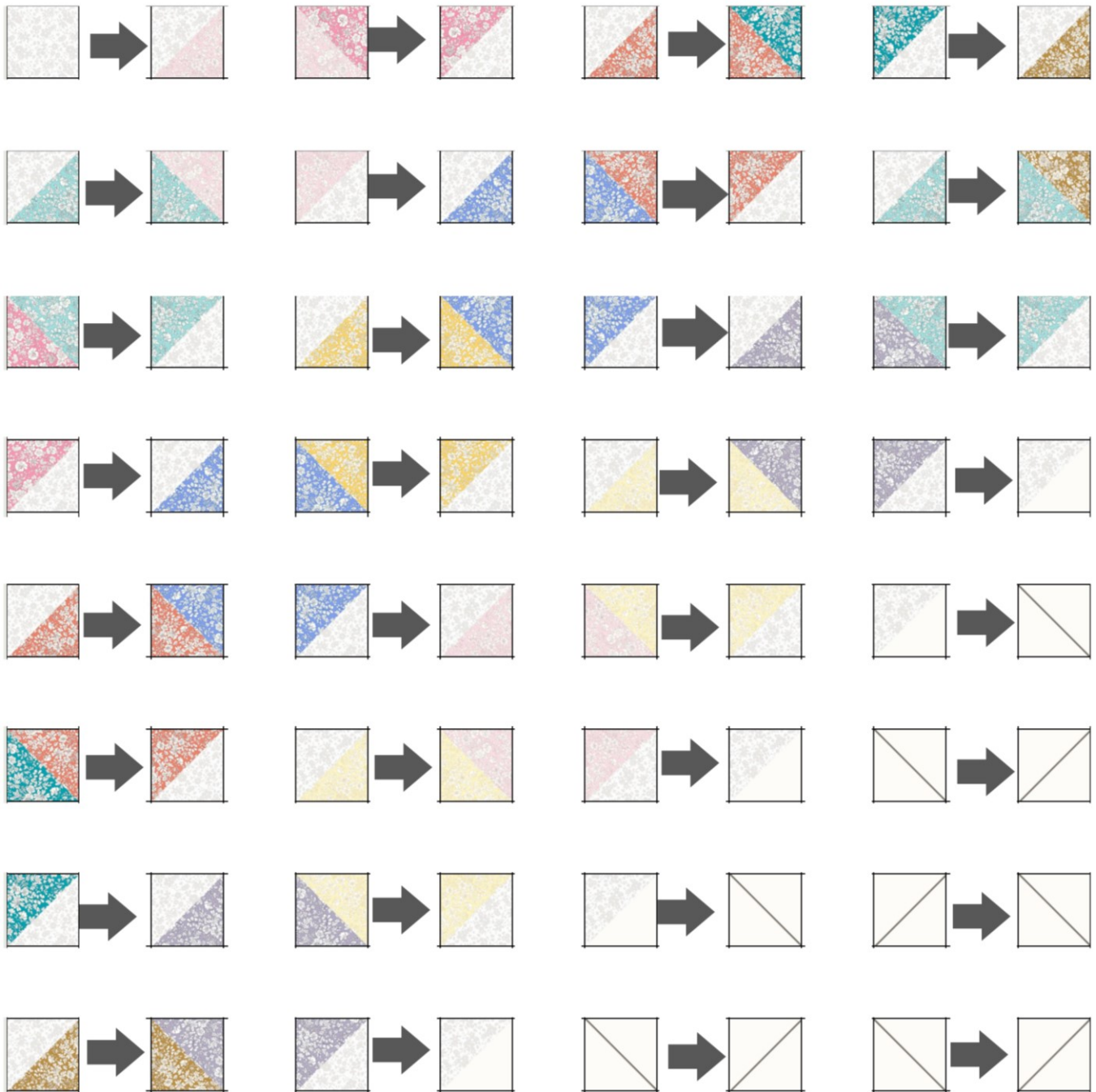
Pay attention to the angle of the triangles when sewing the blocks together.

Lay your blocks out and cross reference them to the layout diagrams at each stage.



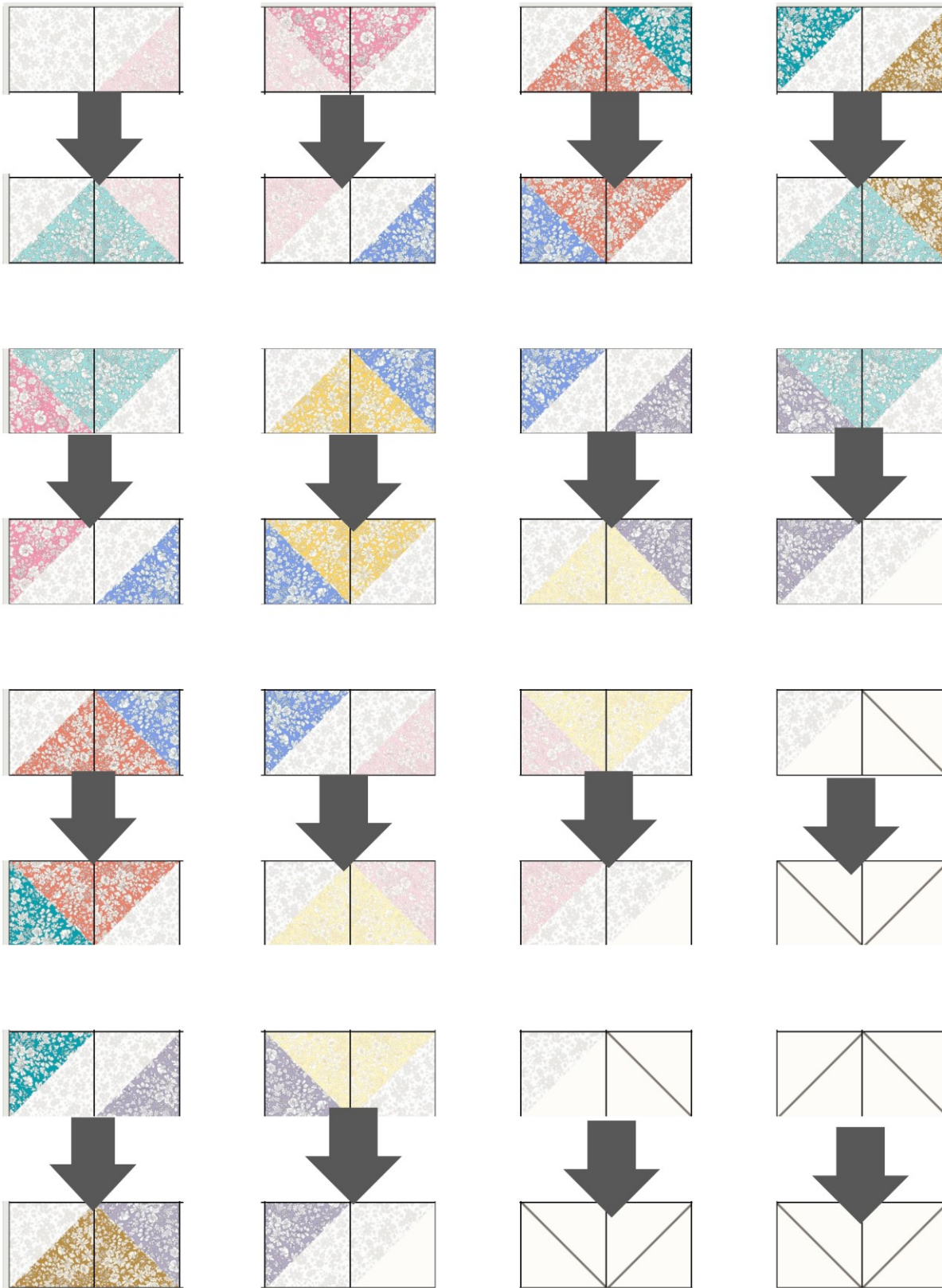
5. Ensuring all your squares are arranged in the correct layout as per diagram below, pin your base squares into 2 pairs with **RS** together.

Sew a $\frac{1}{4}$ " seam. Press the seam open.



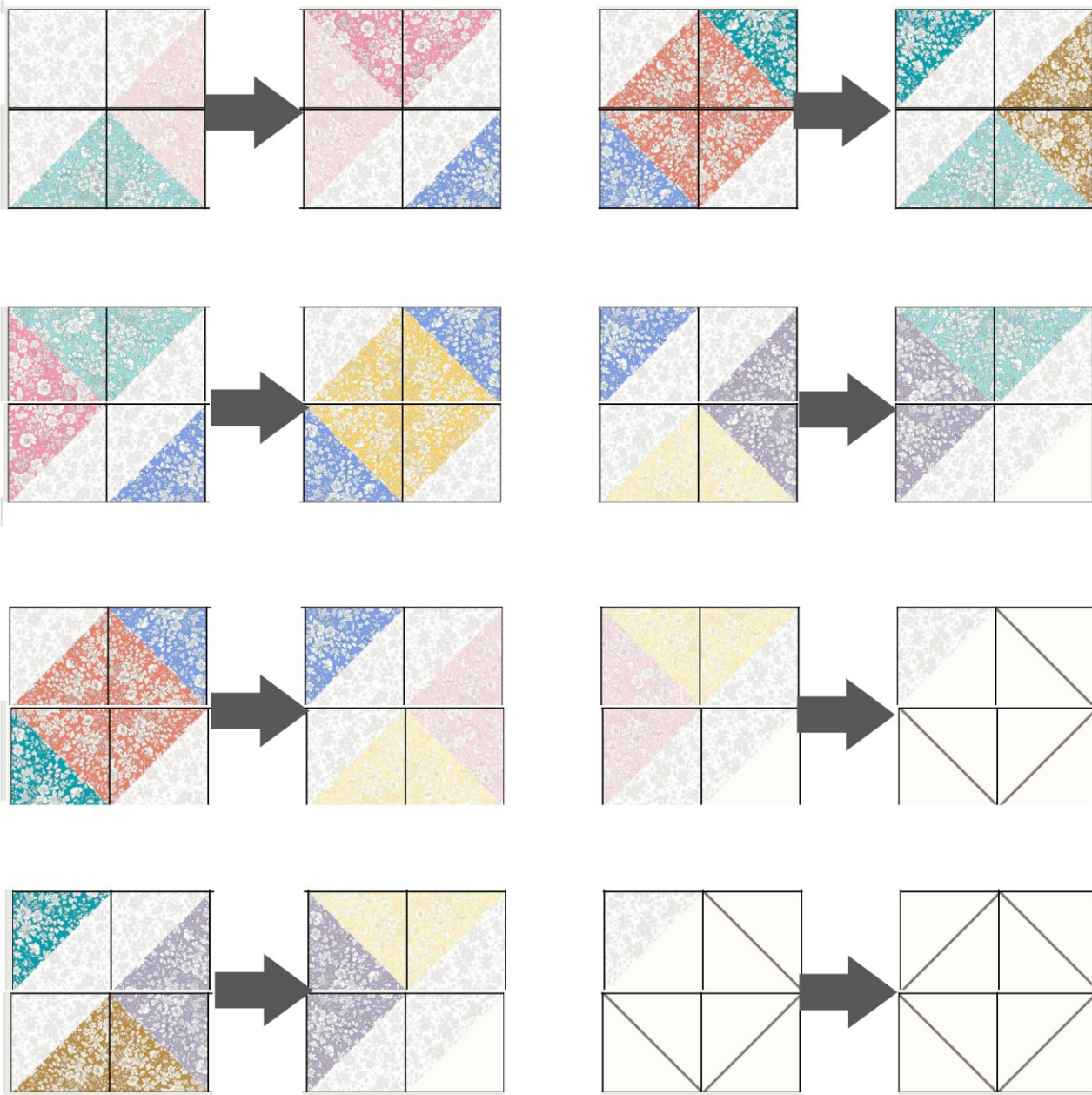
6. Pin the pairs into four patches making sure your centre seams match.

Sew a $\frac{1}{4}$ " seam **RS** together and press open.



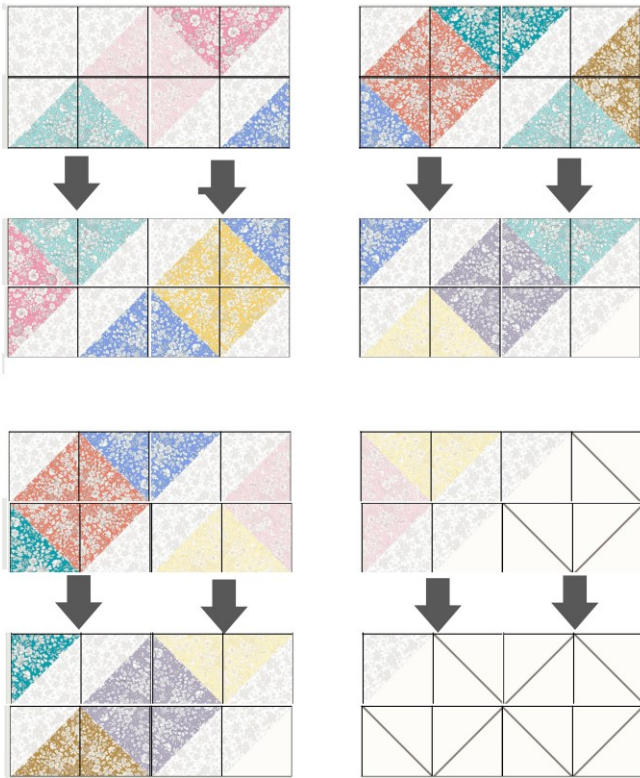
7. Pin the four patches into pairs making sure your centre seams match.

Sew a $\frac{1}{4}$ " seam **RS** together and press open.



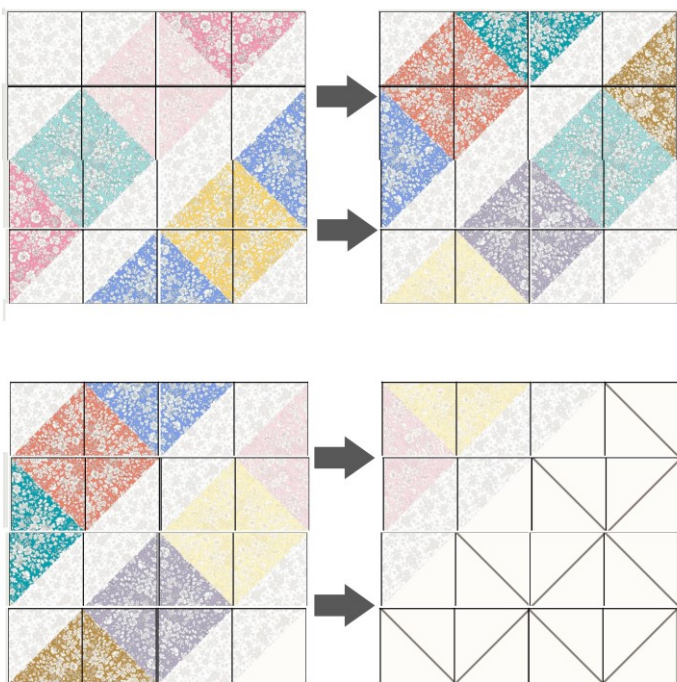
8. Pin these units into pairs making sure your centre seams match.

Sew a $\frac{1}{4}$ " seam **RS** together and press open.



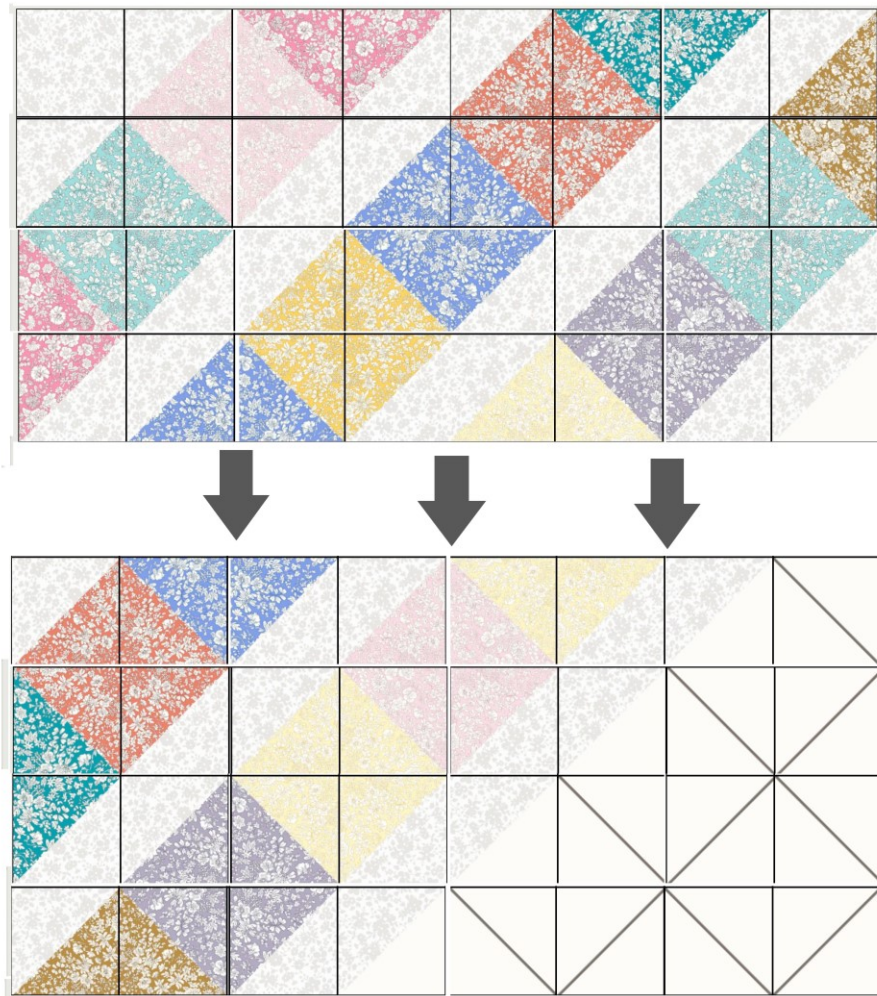
9. Pin these units into pairs making sure your centre seams match.

Sew a $\frac{1}{4}$ " seam **RS** together and press open



10. Pin these final two pairs together making sure your centre seams match.

Sew a $\frac{1}{4}$ " seam RS together and press open.



11. Repeat steps 5 – 10 for the other three quilt top quarters.

12. The four quarters will be arranged as the layout below. I recommend labelling each quarter.



13. Now the fun part of adding the window inserts!

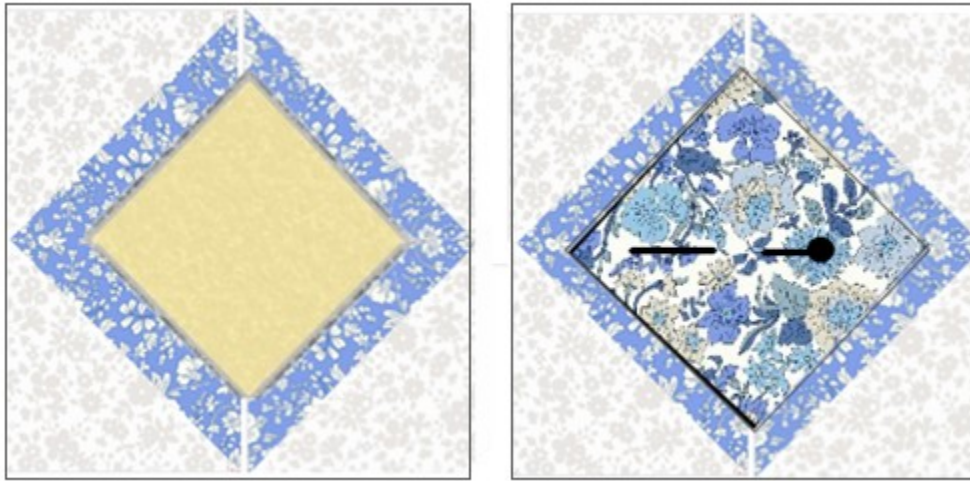
Top Tip - Refer to the 'How to Guide' on pages 21-23, before stitching your window frames.

I recommend putting wadding squares behind your fabric. This will prevent the seams from showing through.

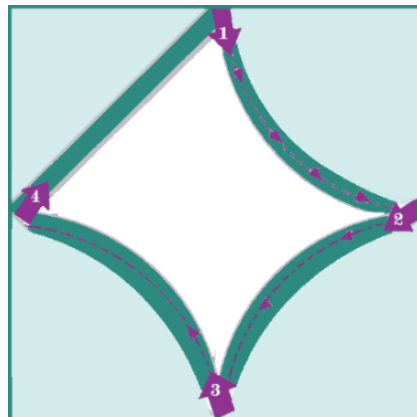
Please note that the cotton wadding squares are $\frac{1}{4}$ " smaller than the fabric to reduce bulk at the points.

Arrange and centre the 4 ¼" wadding squares and feature window fabrics within the frames as per layout.

Place and centre the wadding square and feature window fabric in the centre of window frames, lining up the points with the seams. Pin in place.



To enclose the window inserts, fold over the top right corner first. You can finger press and pin into position. Start with a lock stitch, and then top stitch close to the folded edge using a stitch length to suit your fabric. Work around the window in a clockwise direction. You will achieve a more precise finish if you stitch all blocks in the same direction. Repeat for all windows.

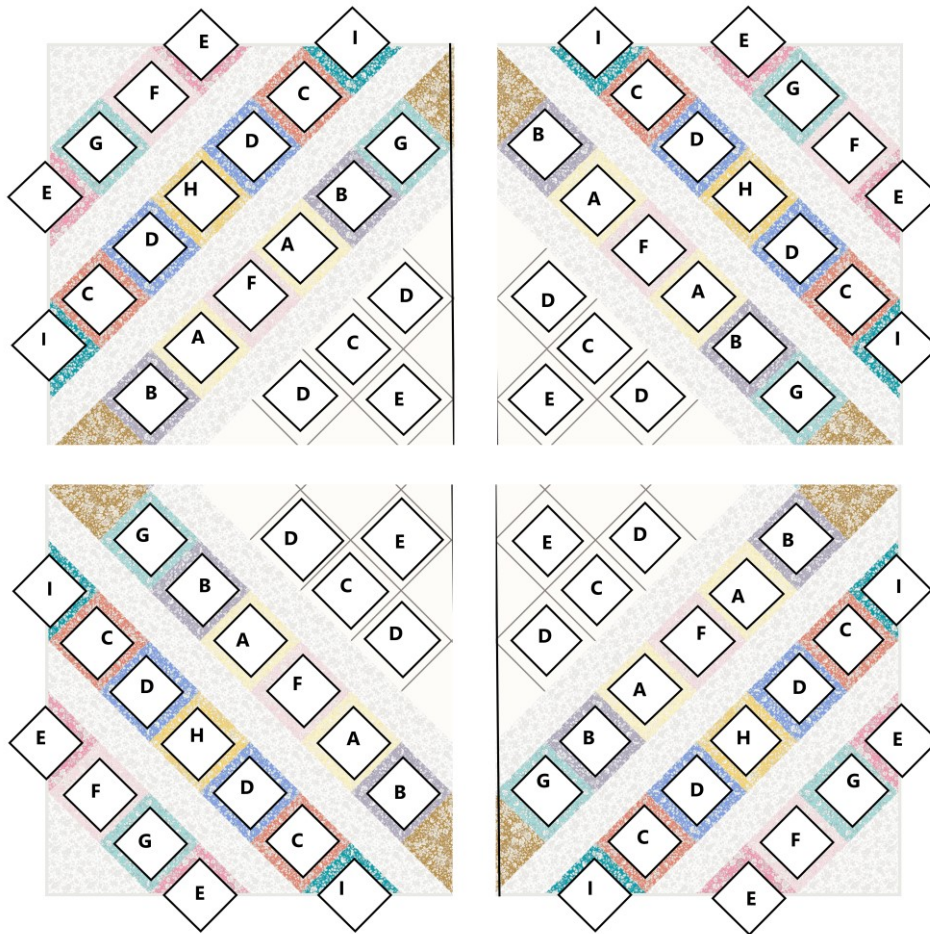


I used a coordinating thread for each Emily Belle coloured frame.

Top Tip – stitch all the blocks in the same colour frames to minimise changing threads on your machine.

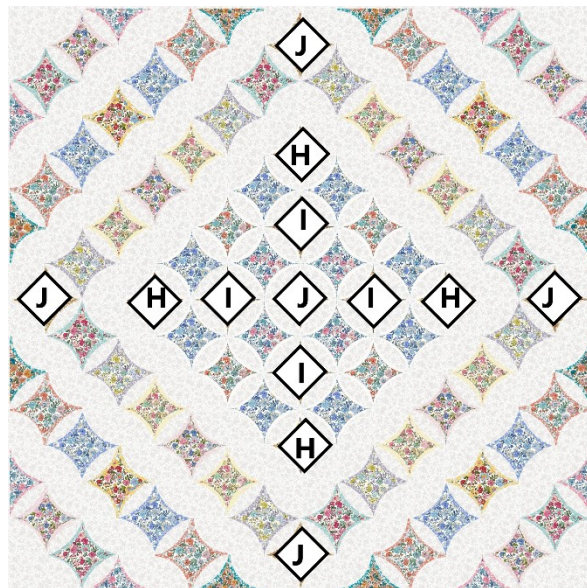
I stitched all the colours and then the white frame blocks.

Refer to the window placement diagram below on page 18.



14. When you have stitched all the windows in the four quarters as above, join the four panels. Pin the panels with **RS** together matching seams. Sew a $\frac{1}{4}$ " seam and press open.
15. Trim off any overhanging window inserts at the edges.
16. Now you can add the final windows that cover the join seams as shown below.

Start with the white windows and finish with the J blocks in the golden ochre frames.



To complete the quilt top

17. Now you can add quilting to your quilt top.

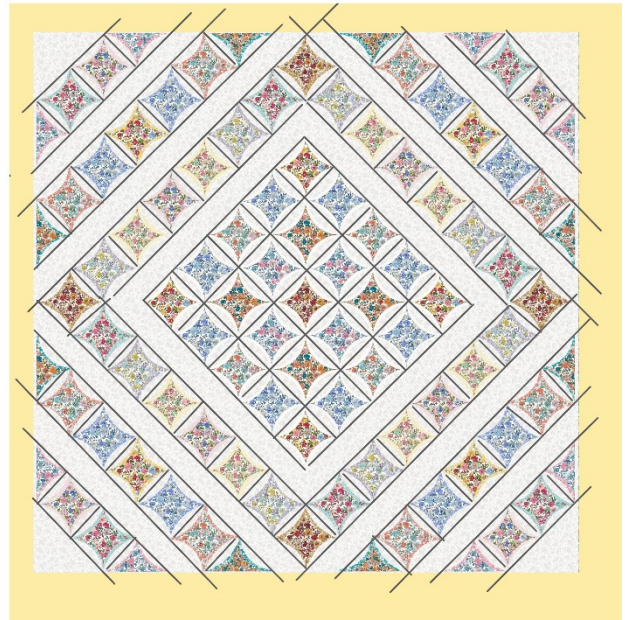
Layer your quilt sandwich by placing your quilt backing fabric **RS** down.

Then place your cotton wadding down and finally centre your quilt top right side up.

Baste all layers with quilter's safety pins or your preferred method.

18. Quilt as desired with machine or hand quilting.

The diagram right shows the quilting lines I followed.



19. **Optional: add piping cord detail to edges.**

Cut 6 x $1\frac{1}{2}$ " width of fabric strips from **Fabric 1**

You do not need to cut the fabric strips on the bias as they are being used as straight borders.

Join **Fabric 6** strips in the same method as below for binding (see page 20).

Prepare 4 x **66"** lengths of 4mm cord, folding **Fabric 1** strip around cord.

Using a zipper foot, and a long basting stitch, stitch as close to the cord as possible.

Pin **Fabric 1** covered piping cord to the right and left sides of the quilt top.

Using your zipper foot, stitch as close as possible to the cord by moving the needle position.

Repeat, adding cord to the top and bottom of the panel as shown below.





20. Quilt Binding

I made a 266" (6.75m) length scrappy binding from strips of all the Emily Annabelle fabrics A - J by joining various lengths x $2\frac{1}{2}$ " width of fabric strips.

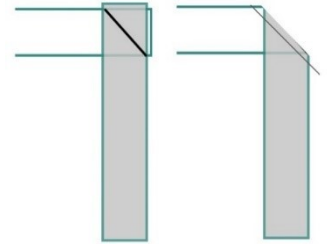
Join two strips of binding fabric **Right sides** together at 45° and stitch.

Join all strips as above to form continuous length of binding.

Press seams open and trim to $\frac{1}{4}$ ".

Fold and press strip in half lengthwise with **Wrong sides** together.

Attach binding to quilt, using your zipper foot, stitching as close as possible to the cord by moving the needle position.



Top tip - Audition the binding before you sew it to the quilt top to ensure no binding seams meet on a corner.

Mitre binding at corners and join the final binding seam with your preferred method.

Hand stitch the binding to the back of the quilt.

Don't forget to add a quilt label!



'HOW TO' GUIDE

MACHINE PIECED CATHEDRAL WINDOWS

I have included this guide in all my Cathedral Window patterns so you can try the technique before starting your project. It will also be a useful to refer to whilst working through my patterns.

This technique will work with any size square. The basic rule is that the base square fabric and the window square are the same size.

To get started, you could try making this four-patch sample.



Cut Fabric **3½" squares** are an ideal size for trying this technique.


	Window Frame	16 x 3½" squares
	Fabric A	8 x 3½" squares
	Fabric B	8 x 3½" squares
	Window Inserts	4 x 3½" squares *These squares are inserted on point. Cut on a 45° angle if using a fabric with a directional print.
	Cotton Wadding	4 x *Cut at 3¼" squares I cut the wadding squares ¼" smaller than window inserts as it is easier to sew the window frames and gives a better finish.

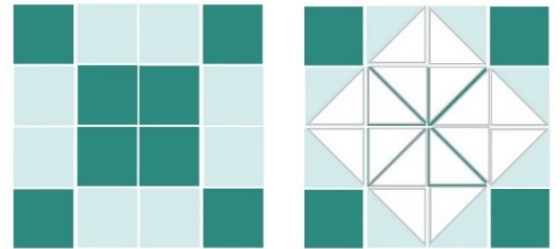
1. Fold and press your window squares **WS** (wrong sides) together. As the fold is on the bias this will enable the windows to fold over and form the curve of the window.

Press with a dry iron, do not use steam. A mini-iron would be useful and a seam roller is ideal when pressing small squares of Tana Lawn. °



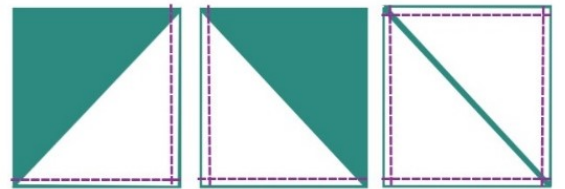
2. Lay out base fabric squares **RS** (right side) facing up and place folded window triangles as per layout diagrams.

 **Top Tip** Arrange your blocks on a square of wadding as a mini design board. Not only will this keep you organised but also keeps your fabric layout in place when moving between sewing machine and ironing board!



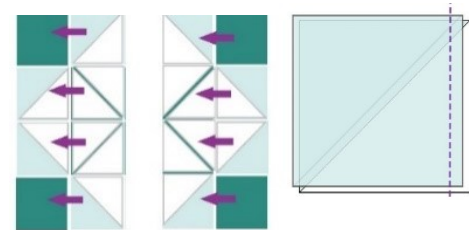
3. Sew the triangles to the base squares, **RS** together. Stitch with a normal stitch length within the seam allowance at approx. $\frac{1}{8}$ " , the inside marker of your $\frac{1}{4}$ " piecing foot is a guide.

If your base fabrics have directional prints, take extra care to make sure your triangles are sewn in the right direction / angle on the square.



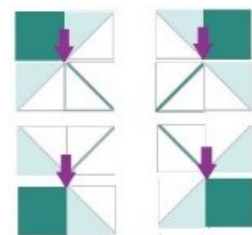
4. Ensure all squares are arranged as per layout chart and work down the columns, piecing the squares into pairs.

Sew **RS** together using a $\frac{1}{4}$ " seam. Press seams open.

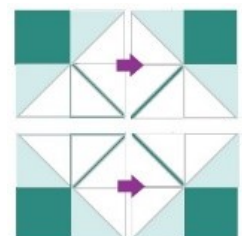


5. Pin the pairs into four patches, matching centre seams.

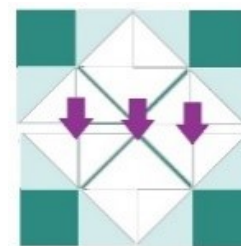
Sew **RS** together using a $\frac{1}{4}$ " seam. Press seams open.



6. Pair the four patches into pairs, again matching the centre seams. Sew **RS** together using a $\frac{1}{4}$ " seam. Press seams open.

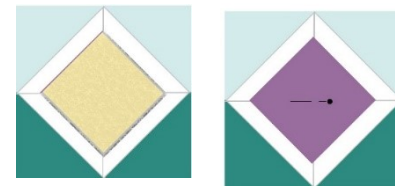


7. Piece these two units into the final four patch unit. Press seam open. Finished unit should be 12½" square, trim if required.



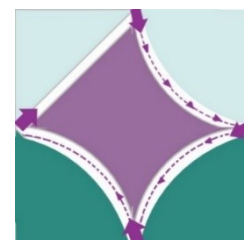
8. Now the fun part of adding the window inserts!

Place and centre the wadding square and feature window fabric in the centre of window frames. Pin in place.



9. To enclose the window inserts, fold over the top right corner first. You can finger press and pin into position. Start with a lock stitch, and then top stitch close to the folded edge using a stitch length to suit your fabric. Work around the window in a clockwise direction.

You will achieve a more precise finish if you stitch all blocks in the same direction.



Stitch around each window individually or follow the stitch order 1»16 as illustrated, which allows you to sew around all four windows without cutting your thread.



Top Tip when you have finished each window quarter, keep the needle in the down position and lift presser foot as high as possible to give more room for you to fold next edge over. Pin, pivot and continue top stitching.

