

First select your colors for your quilt. Either select similar colors to those we have used in our quilt or choose from fabric that you already have at home. Select either one-color family, all blue, or choose two color families, and select a light, medium and dark shade. If you are making a quilt for your kids then any numbers of colors will work. Keep in mind the fabric needs to flow from one color to the other. Cotton fabrics are ideal to work with.

## Sewing Supplies:

SMARTER BY PFAFF ${ }^{\text {Tw }}$ C1 100 Pro Sewing Machine

## Sewing Thread:

Robison Anton Rayon Embroidery thread
Sewing thread to match your quilt

## Fabric and Notions:

For this quilt you need eleven fabrics of different colors. Here is how much you need of each color.

- Fabric 1 (1 color)
$24^{\prime \prime} \times 45^{\prime \prime}(60 \times 114 \mathrm{~cm})$
- Fabric 2-10(9 different colors) $8^{\prime \prime} \times 45^{\prime \prime}(20 \times 114 \mathrm{~cm})$
- Fabric 11 ( 1 color) $16^{\prime \prime \times 45^{\prime \prime}(40 \times 114 \mathrm{~cm})}$
- Backing
(select a color from the quilt) $53^{\prime \prime} \times 57^{\prime \prime}(135 \times 145 \mathrm{~cm})$
- Small Border
(select a color from the quilt) $10^{\prime \prime} \times 45^{\prime \prime}(25 \times 114 \mathrm{~cm})$
- Large border
(select a color from the quilt) $16^{\prime \prime} \times 45^{\prime \prime}(40 \times 114 \mathrm{~cm})$
- Binding $10^{\prime \prime} \times 45^{\prime \prime}(25 \times 114 \mathrm{~cm})$
- Thin Cotton Batting $48 " \times 53^{\prime \prime}(125 \times 135 \mathrm{~cm})$
- Safety pins for "basting"
- Pfiffikus \#4016663-01
- 45 mm Deluxe Rotary Cutter
- Quilt ruler
- Cutting mat


## SMARTER BY PFAFF" ${ }^{\text {ma }}$ Accessories

Quilt table
1/4" Quilting Foot \#820926-096
Stitch-in Ditch- Foot \#820925-096
or Clear Stitch-in-Ditch Foot \#820882-096
Open Toe Free Motion Foot
1/4" Right Guide Foot \#820924-096
For more information regarding accesssories please visit www.smarterbypfaff.com.

## Cut:

(Include $1 / 4$ " $(6 \mathrm{~mm})$ seam allowance)
Cut fabric 1 into six strips, from edge to edge, the entire width of the piece. Make each strip $4^{\prime \prime}(10 \mathrm{~cm})$ wide. This will give you 6 strips about $45^{\prime \prime}(114 \mathrm{~cm})$ long.

Cut fabrics 2-10 into two of each color, from edge to edge, the entire width of the piece. Make each strip 4" $(10 \mathrm{~cm})$ wide. This will give you 18 strips about 45" (114 cm) long.

Cut fabric 11 into four strips, from edge to edge, the entire width of the piece. Make each strip 4" $(10 \mathrm{~cm})$ wide. This will give you 4 strips about 45 " ( 114 cm ) long.

This gives you a total of 28 strips which is enough to make two tunnels.

Make your top before you cut the borders and backing for your quilt. When your quilt top is complete, you will measure your quilt so your borders will be the correct size.

## Small border (color 4)

Cut 5 pieces 2 " $\times 45$ " $(4,5 \mathrm{cmx} 110 \mathrm{~cm})$. Then cut one of the strips so you have enough for the longer sides which should measure 2 " $\times 48$ " $(4,5 \mathrm{~cm} \times 125 \mathrm{~cm})$. Cut into two pieces.
Sew the pieces together do right side to right on the bias.

## Large border (color 6)

Cut 5 pieces 3 " $\times 45$ " $(7,5 \times 110 \mathrm{~cm})$. Measure and sew pieces together to fit the length of each side of the quilt. To sew mitered corners you need to add the width of your binder for the start and end of the each piece.

## Backing (color 6)

Cut two pieces, from edge to edge, the entire width of the fabric. Cut the piece 47" ( 120 cm ) long.

## Assembly instructions

1. You are now going to make two tubes of fabric. Lay out your strips, one from each fabric, in a striped design. Go from light to dark to light, or
the other way around. Each fabric doesn't have to match or even go nicely with every other piece, but each fabric needs to complement the fabrics it is touching. Lay out 14 stripes, in a pleasing pattern or use our pattern, for each tube.

2. Thread with sewing thread top and bobbin. Snap on the $1 / 4$ " Quilting Foot \# 820926-096
3. Sew the strips together, using a $1 / 4$ inch seam allowance, to make one piece of striped fabric.
4. Press all the seams in the same direction.
5. Now we will create two tubes and then make it into circles. Fold the striped fabric in half. Sew the strips together, creating a tube of stripes. All of the seam allowances will be on the outside.

6. Lay the tubes on the table or cutting board with the seams running horizontally. Cut the fabric vertically to create a series of rings. To create our design cut following widths on the rings:

| Two | $7 / 8^{\prime \prime}(2,2 \mathrm{~cm})$ |
| :--- | ---: |
| Five | $11 / 4^{\prime \prime}(3,2 \mathrm{~cm})$ |
| Six | $13 / 4^{\prime \prime}(4,2 \mathrm{~cm})$ |
| Two | $21 / 8^{\prime \prime}(5,2 \mathrm{~cm})$ |
| Five | $21 / 2^{\prime \prime}(6,2 \mathrm{~cm})$ |
| Four | $27 / 8^{\prime \prime}(7,2 \mathrm{~cm})$ |
| Two | $31 / 4^{\prime \prime}(8,2 \mathrm{~cm})$ |
| Two | $4^{\prime \prime}(10,2 \mathrm{~cm})$ |

Now you have a total of 28 rings.
7. Make sure you keep different widths separated, place the strips in 8 piles and mark a piece of paper with the measurement. Turn all the rings right side out.
8. Pick a ring from the $13 / 4^{\prime \prime}(4,2 \mathrm{~cm})$ pile. Pick one fabric to be the fabric in the upper left corner of the quilt. Use the seam-ripper and open the top seam of your selected square. Use the seamripper to remove the two last squares. Keep 12 squares. Do a quick finger press to the seam allowance so it will lie flat.
9. Pin this strip up on a design wall, with the corner fabric on the top.
10. Choose another ring of a different width from the first. In our design we selected a ring from the 2 $7 / 8 "(7,2 \mathrm{~cm})$ pile. Find the same corner fabric on this second ring and make this corner square now become the second square from the top. Remove the two last squares.
11. Use your seam-ripper and open the seam on the top of the selected fabric square.

12. Now place the second strip on the design board in such a way that the same fabric square of the second strip is one square below the first one. See illustration below. This is how we put together the strips in our quilt:

13. When you have finished designing the top to your liking. Keep the strips pinned to the design wall until you sew them. Start with the first and second strips, sew them together. Keep adding strips until you have taken them all off the design wall in order and have finished your bargello quilt. Use a $1 / 4$ inch seam allowance when you stitch the stripes together.
14. Measure the edges of your quilt. Cut the small borders (color 4) according to your measurement. You will need to cut 5 pieces 2 " $\times 45$ " $(4,5 \mathrm{~cm}$ $\times 110 \mathrm{~cm}$ ) on the full width of the fabric for this quilt. For the short sides of the quilt, the length of the pieces will be perfect. For the long side, you need to stitch the three pieces together and cut in the middle to fit the length. Sew the pieces right sides together, on the bias.
15. Place the longer border pieces right sides together on the two opposite sides of the bargello top. Follow the instruction for the short pieces to create a mightered corner. Pin and sew. Press.
16. Repeat step 14 to 15 but make the border 3" $(7,5 \mathrm{~cm})$ wide.
17. Place the backing pieces right sides together. Pin and stitch with a straight stitch. Press.
18. Layer your quilt top, batting and backing creating a quilt "sandwich". Make sure it is flat and even. Make sure all the layers match at the edges.
19. Safety pin bastes the quilt through the layers. Thread your machine with invisible thread in the top and use matching sewing thread in the bobbin. Use the Clear Stitch- in- Ditch foot 820882-096 when you want to quilt in the ditch. Make sure to engage the DFS ${ }^{\text {tm }}$ (Dual Feed System).
20. To start quilting with free motion, use the Open Toe Free Motion Foot. Disengage the DFS ${ }^{T M}$ (Dual Feed System). Remove the presser foot ankle and attach the Open toe Free Motion Presser Foot. Lower the feed dogs, by taking off the accessory tray and bring the lever for the feed dogs to the right. Select a straight stitch. Keeping an even speed manually move the fabric. Remember: because the feed dogs are lowered, you must move the fabric manually. For even stitches, move your fabric in a smooth, even motion.
21. We have also done straight lines shaped with a sharp edge along the waves. Use the Edge/ Quilting Guide which is very useful when stitching straight lines. Remove the safety pins as you come to them.

22. Thread your sewing machine with matching embroidery thread in the top and bobbin. Stitch a decorative stitch along the wide border. We have used stitch 46 from Menu D.
23. Trim the edges of your quilt and measure the sides. Cut strips for binding a $2^{\prime \prime}(5 \mathrm{~cm})$ wide. Stitch the binding strips together end to end to make one long strip. Fold in half lengthwise, wrong sides together and press. Align the raw edges of the binding with the raw edge of the quilt top. Pin the binding to the back of the quilt and sew along the sides. Start about $8-10$ " $(20-25 \mathrm{~cm})$ from the folded end of your binding.
24. Stop at corner. Stop stitching $1 / 4$ " from corner and backstitch. Remove the quilt from your machine.

25. Fold binding up. Fold the binding back on itself, perpendicular to the seam you just stitched.

26. Fold binding down. Fold the binding this time align the fold in the binding with the raw edges of the seam you just sewed and align the raw edges of the unstitched binding with the next edge of the quilt. Starting at the edge of the quilt, stitch the binding with a straight stitch to the next side of the quilt. Repeat for each corner of your quilt.

27. When you are back to the starting position make sure to match starting point and ending point. Cut the binding allowing for a seam allowance.
28. Unfold ending binding and smooth along edge of the quilt. Fold the ending binding back on itself to get a nice ending. Lay the creased end of the beginning binding over the ending binding. Pin and stitch.
29. Fold the binding over the raw edges of the quilt top. Press and pin. Stitch from the top of the quilt with a straight stitch using the $1 / 4$ " Right Guide Foot to get a perfect topstitch distance from the edge of the binding.
30. Press your Bargello quilt.

Finished!

