



**EmbroidaBlock™ of the Month 2012**  
**Earth to Quilters - Windmill**  
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Access Video Instructions for this Block at:

<http://www.hoopsisters.com/earth-to-quilters-videos/>

# Windmill

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**Block Requirements**

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**First Step:** Choose the size block and the size quilt you are making.

Wall hanging	Finished Size	Total # Blocks	Horizontal/Vertical Layout
4 Inch	16" x 16"	16	4/4
5 Inch	20" x 20"	16	4/4
8 Inch	32" x 32"	16	4/4
Twin	Finished Size	Total # Blocks	Horizontal/Vertical Layout
4 Inch	64" x 88"	352	16/22
5 Inch	70" x 90"	252	14/18
8 Inch	64" x 96"	96	8/12
Full	Finished Size	Total # Blocks	Horizontal/Vertical Layout
4 Inch	80" x 88"	440	20/22
5 Inch	80" x 90"	288	16/18
8 Inch	80" x 96"	120	10/12
Queen	Finished Size	Total # Blocks	Horizontal/Vertical Layout
4 Inch	88" x 96"	528	22/24
5 Inch	90" x 100"	360	18/20
8 Inch	96" x 96"	144	12/12
King	Finished Size	Total # Blocks	Horizontal/Vertical Layout
4 Inch	96" x 96"	576	24/24
5 Inch	110" x 100"	440	22/20
8 Inch	112" x 96"	168	14/12

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**Fabric Requirements**

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**Second Step: Go Shopping!**

Wall hanging	Finished Size	Backing Fabric	Fabric 1	Fabric 2	Fabric 3	Sashing	Binding
4 Inch	16" x 16"	1/2 yd.	1/3 yd.	1/4 yd.	1/4 yd.	1/8 yd.	1/8 yd.
5 Inch	20" x 20"	5/8 yd.	1/2 yd.	1/2 yd.	1/3 yd.	1/8 yd.	1/8 yd.
8 Inch	32" x 32"	1 yd.	1 yd.	5/8 yd.	2/3 yd.	1/4 yd.	1/4 yd.
Twin	Finished Size	Backing Fabric	Fabric 1	Fabric 2	Fabric 3	Sashing	Binding
4 Inch	64" x 88"	6 1/4 yds.	5 1/2 yds.	3 yds.	4 1/4 yds.	2 3/4 yds	1/2 yd.
5 Inch	70" x 90"	7 yds.	5 3/4 yds.	3 1/8 yds.	4 yds.	2 1/2 yds.	5/8 yd.
8 Inch	64" x 96"	6 yds.	4 1/2 yds.	3 yds.	3 2/3 yds.	1 1/2 yds.	5/8 yd.
Full	Finished Size	Backing Fabric	Fabric 1	Fabric 2	Fabric 3	Sashing	Binding
4 Inch	80" x 88"	7 3/4 yds.	6 3/4 yds.	3 3/4 yds.	5 1/8 yds.	3 1/2 yds.	5/8 yd.
5 Inch	80" x 90"	7 yds.	6 1/2 yds.	3 1/2 yds.	4 1/2 yds.	2 3/4 yds.	5/8 yd.
8 Inch	80" x 96"	7 1/2 yds.	5 5/8 yds.	3 5/8 yds.	4 1/2 yds.	1 3/4 yds.	5/8 yd.
Queen	Finished Size	Backing Fabric	Fabric 1	Fabric 2	Fabric 3	Sashing	Binding
4 Inch	88" x 96"	9 1/4 yds.	8 1/8 yds.	4 1/3 yds.	6 1/4 yds.	4 yds.	3/4 yd.
5 Inch	90" x 100"	8 5/8 yds.	8 1/8 yds.	4 1/4 yds.	5 1/2 yds.	3 1/2 yds.	3/4 yd.
8 Inch	96" x 96"	9 yds.	6 2/3 yds.	4 1/3 yds.	5 1/3 yds.	2 1/4 yds.	3/4 yd.
King	Finished Size	Backing Fabric	Fabric 1	Fabric 2	Fabric 3	Sashing	Binding
4 Inch	96" x 96"	10 yds.	9 yds.	5 yds.	6 2/3 yds.	4 1/2 yds.	3/4 yd.
5 Inch	110" x 100"	10 1/2 yds.	10 yds.	5 1/4 yds.	6 3/4 yds.	4 1/4 yds.	3/4 yd.
8 Inch	112" x 96"	10 1/2 yds.	7 7/8 yds.	5 1/8 yds.	6 1/4 yds.	2 1/2 yds.	3/4 yd.

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**Cutting Chart**

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WOF = Width of Fabric

**Third Step: Cut it up!**

Wall hanging	Backing Fabric	Fabric 1	Fabric 2	Fabric 3
4 Inch	16 5" x 5"	2 3/4" x WOF	3 1/2" x WOF	2 1/2" x WOF
5 Inch	16 6" x 6"	3 1/4" x WOF	4 1/4" x WOF	2 3/4" x WOF
8 Inch	16 9" x 9"	5" x WOF	6 1/2" x WOF	4" x WOF

Twin	Backing Fabric	Fabric 1	Fabric 2	Fabric 3
4 Inch	352 5" x 5"	2 3/4" x WOF	3 1/2" x WOF	2 1/2" x WOF
5 Inch	252 6" x 6"	3 1/4" x WOF	4 1/4" x WOF	2 3/4" x WOF
8 Inch	96 9" x 9"	5" x WOF	6 1/2" x WOF	4" x WOF

Full	Backing Fabric	Fabric 1	Fabric 2	Fabric 3
4 Inch	440 5" x 5"	2 3/4" x WOF	3 1/2" x WOF	2 1/2" x WOF
5 Inch	288 6" x 6"	3 1/4" x WOF	4 1/4" x WOF	2 3/4" x WOF
8 Inch	120 9" x 9"	5" x WOF	6 1/2" x WOF	4" x WOF

Queen	Backing Fabric	Fabric 1	Fabric 2	Fabric 3
4 Inch	528 5" x 5"	2 3/4" x WOF	3 1/2" x WOF	2 1/2" x WOF
5 Inch	360 6" x 6"	3 1/4" x WOF	4 1/4" x WOF	2 3/4" x WOF
8 Inch	144 9" x 9"	5" x WOF	6 1/2" x WOF	4" x WOF

King	Backing Fabric	Fabric 1	Fabric 2	Fabric 3
4 Inch	576 5" x 5"	2 3/4" x WOF	3 1/2" x WOF	2 1/2" x WOF
5 Inch	440 6" x 6"	3 1/4" x WOF	4 1/4" x WOF	2 3/4" x WOF
8 Inch	168 9" x 9"	5" x WOF	6 1/2" x WOF	4" x WOF

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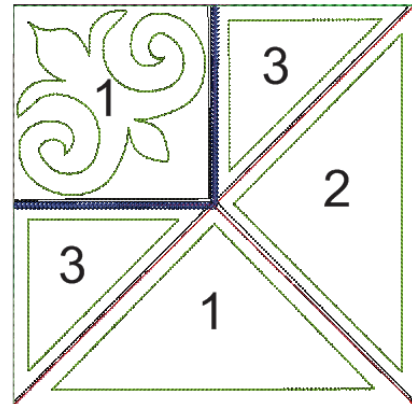
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WOF = width of fabric  
Strips cut by the width of fabric will make more than one block.



**Windmill**

For each block you will need:

Backing Fabric  
8 Inch - 9"x9"  
5 Inch - 6"x6"  
4 Inch - 5" x 5"  
Place swatch here

Fabric 1  
8 Inch — 5" x WOF  
5 Inch — 3 1/4" x WOF  
4 Inch - 2 3/4 " x WOF  
Place swatch here

Fabric 2  
8 Inch — 6 1/2" x WOF  
5 Inch - 4 1/4" x WOF  
4 Inch - 3 1/2" x WOF  
Place swatch here

Fabric 3  
8 Inch — 4" x WOF  
5 Inch - 2 3/4" x WOF  
4 Inch - 2 1/2" x WOF  
Place swatch here

Thread:  
Neutral Thread: \_\_\_\_\_  
A \_\_\_\_\_  
(matches Fabric 1)  
B \_\_\_\_\_  
Also needed:  
Embroidery Bobbin Thread  
Water Soluble Thread  
Temporary Spray Adhesive

Battilizer™  
Large enough to fit your hoop

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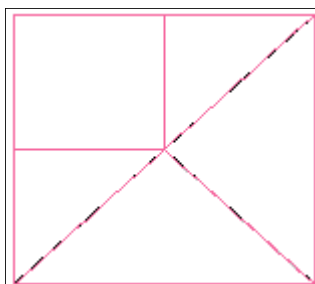
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1

Hoop Battilizer™. Place neutral thread in the needle and embroidery bobbin thread in the bobbin and sew the pattern onto Battilizer™.

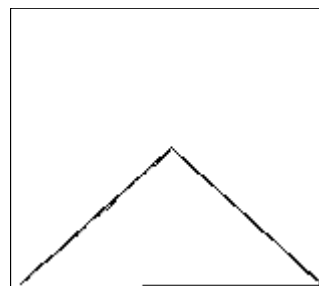


2

Place water soluble thread in the needle only.

Place fabric 1 right side up over this section and sew the tack down.

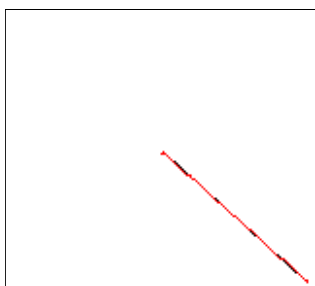
Trim to scant 1/4" inside the block and leave at least 1/2" on the outside edge of the block.



3

Place neutral thread in the needle only.

Place fabric 2 right side to fabric 1, raw edges even and sew the seam.

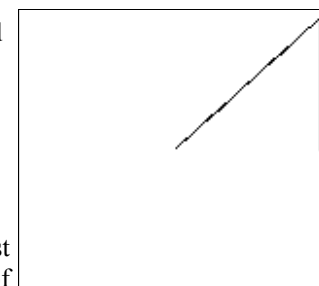


4

Place water soluble thread in the needle only.

Flip fabric 2, finger press and sew the tack down.

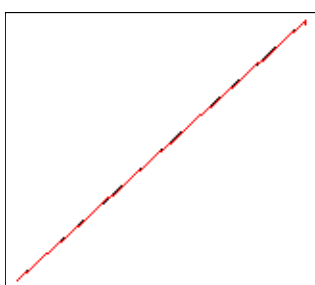
Trim to scant 1/4" inside the block and leave at least 1/2" on the outside edge of the block.



5

Place neutral thread in the needle only.

Place fabric 3 right side to fabrics 1 and 2, raw edges even and sew the seam.

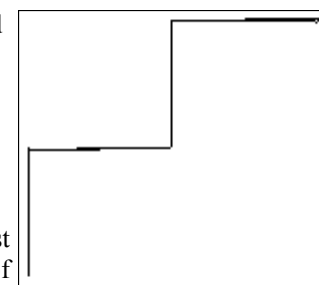


6

Place water soluble thread in the needle only.

Flip fabric 3, finger press and sew the tack down.

Trim to scant 1/4" inside the block and leave at least 1/2" on the outside edge of the block.



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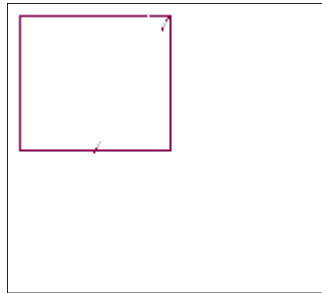
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7

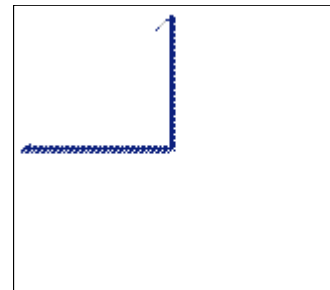
Place fabric 1 right side up over this final area and sew the tack down.

Trim inside of block as for machine appliqué. Leave 1/2" on outside of block.



8

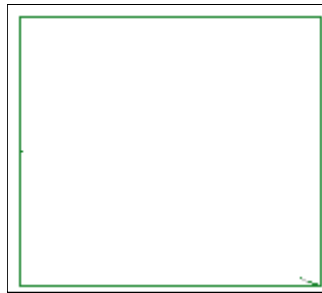
Place thread A in the needle only and sew the stem stitch.



9

Place water soluble thread in the needle only.

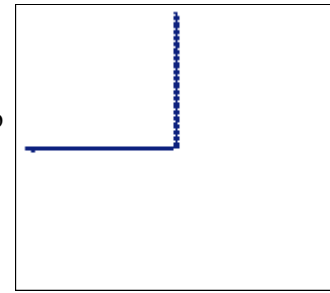
Spray the back of your backing fabric with temporary spray adhesive and adhere the backing fabric to the back of the hoop and sew the basting stitch.



10

Place thread A in the needle AND the bobbin.

Turn off thread cutter, bring bobbin thread to top and sew the stem stitch.



11

Please thread B in the needle AND the bobbin and sew the quilting.

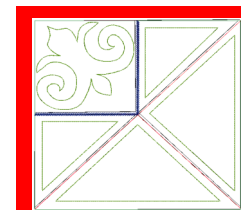


12

**Trimming Instructions**

Trim sides of block that are an outside edge 1/4" through all layers.

The sides of the block that will have another block sewn to it, trim using the Trimmer by George!™.



Above example is a corner block. Two outside edges trimmed 1/4" through all layers (in red). Other sides using the Trimmer By George!

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Now that you know how to make the Windmill blocks, you can learn how to make the Cross Body Hipster bag for your next shopping trip!

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