

## Class instructions of Black Magic

### Fabric cutting chart for the 8 stars points of Part A, the Center Star.

<b>Fabric 21</b>	Cut 2 strips 7½" x 44"	<b>Foundation point 1:</b> Cut 5 pieces: 7½" x 8". You will get 5 pieces from the first strip and 3 pieces from the second strip.
<b>Fabric 22</b>	Cut 4 strips 1" x 44"	<b>Foundation point 2 &amp; 3:</b> Cut 16 pieces: 7½" x 1". Cut 5 pieces from each of the first 3 strips and 1 piece of the fourth strip.
	Cut 1 strip 1½" x 44"	<b>Foundation point 12,</b> Cut 8 pieces: 3½" x 1½".
<b>Fabrics: 2, 4, 6, 9, 12, 14, 16 &amp; 19</b>	Cut 1 strip 1" x 44"	<b>Sub-cut the strip for the foundation points:</b>
		<b>Foundation point 4:</b> Cut 1 piece: 7" x 1" from each color.
		<b>Foundation point 5:</b> Cut 1 piece: 7½" x 1" from each color.
		<b>Foundation point 6:</b> Cut 1 piece: 6" x 1" from each color.
		<b>Foundation point 7:</b> Cut 1 piece: 6½" x 1" from each color.
		<b>Foundation point 8:</b> Cut 1 piece: 5½" x 1" from each color.
<b>Fabrics: 2, 4, 6, 9, 12, 14, 16 &amp; 19</b>	Cut 1 strip 2" x 44"	<b>Foundation point 9:</b> Cut 1 piece: 6" x 1" from each color.
		<b>Foundation point 10:</b> Cut 1 piece: 5" x 1" from each color.
		<b>Foundation point 11:</b> Cut 1 piece: 5½" x 1" from each color.
		<b>Foundation point 13:</b> Cut 1 piece: 2" x 5" from each color.

When you have cut all the fabrics for the Large Center Star points, organize the fabrics for each point. Read the chart below in a vertical order, and put the fabrics in 8 separate zip lock bags.

Let's cut out the paper foundations for the eight star points, Part A. Cut your papers a smidge bigger than the outside lines of the template.

### Fabric Selection Chart for: The 8 Center Star Points: Part A

	Fabric Point A-1	Fabric Point A-2	Fabric Point A-3	Fabric Point A-4	Fabric Point A-5	Fabric Point A-6	Fabric Point A-7	Fabric Point A-8
<b>Foundation point 1:</b> 8 pieces of 7½" x 8"	21	21	21	21	21	21	21	21
<b>Foundation point 2:</b> 8 pieces of 7½" x 1"	22	22	22	22	22	22	22	22
<b>Foundation point 3:</b> 8 pieces of 7½" x 1"	22	22	22	22	22	22	22	22
<b>Foundation point 4:</b> 1 piece 7" x 1"	4	6	9	12	14	16	19	2
<b>Foundation point 5:</b> 1 piece: 7½" x 1"	2	4	6	9	12	14	16	19
<b>Foundation point 6:</b> 1 piece: 6" x 1"	14	16	19	2	4	6	9	12
<b>Foundation point 7:</b> 1 piece: 6½" x 1"	12	14	16	19	2	4	6	9
<b>Foundation point 8:</b> 1 piece: 5½" x 1"	4	6	9	12	14	16	19	2
<b>Foundation point 9:</b> 1 piece: 6" x 1"	2	4	6	9	12	14	16	19
<b>Foundation point 10:</b> 1 piece: 5" x 1"	14	16	19	2	4	6	9	12
<b>Foundation point 11:</b> 1 piece: 5½" x 1"	12	14	16	19	2	4	6	9
<b>Foundation point 12:</b> 8 pieces: 3½" x 1½"	22	22	22	22	22	22	22	22
<b>Foundation point 13:</b> 1 piece: 2" x 5"	6	9	12	14	16	19	2	4

I highlighted the column for the first point to show you which pieces and colors per point belong with each other in a zip lock bag. This is easier to work with and the small fabric strips won't spend their lives wandering around your sewing room. When we have cut the paper templates for the eight star points, put the matching foundation template into the right zip lock bag.

### Cutting Chart for Part B-1/B-2 and C-1/C-2 of the Twisted Circles

Step 1	Take the first 20 fabrics for B and C: the colorful fabrics 1 up to and including 20.
Step 2	Make four piles with five fabrics each: 1, 2, 3, 4 & 5; 6, 7, 8, 9 & 10; 11, 12, 13, 14 & 15; and finally 16, 17, 18, 19 & 20.
Step 3	Cut from each of the five piles 2 strips of 4½" by approximately 44". We need 16 pieces total for the 8 twisted circles. Cut from the first strip 14 pieces of 3" x 4½" and from the second strip the remaining 2 pieces of 3" x 4½".

If you followed these instructions, you have cut all the fabrics for the Twisted Circles. Wasn't that easy!

We will start with the Twisted Circles B-1/B-2. Cut the template for B-1 and B-2 a smidge bigger than the outside lines of the piece marked on the template. It is better to tape them together when you have finished placing fabric on the first B-1 part: 1-40. Otherwise, you risk damaging the long paper for the spiked strip every time you move it to and from and feed the long strip through the arm of your sewing machine.

### Fabric Chart for Part B-1/B-2 of the Twisted Circles

Foundation	Fabric	Foundation	Fabric	Foundation	Fabric	Foundation	Fabric
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point #			point #			point #			point #		
1	3		20	16		40	6 tapeline B2		60	16	
2	10		21	10		41	20		61	10	
3	9		22	17		42	7		62	17	
4	2		23	11		43	1		63	11	
5	8		24	18		44	8		64	18	
6	1		25	12		45	2		65	12	
7	7		26	19		46	9		66	19	
8	20		27	13		47	3		67	13	
0	6		28	20		48	10		68	20	
9	4		29	14		49	4		69	14	
10	11		30	1		50	11		70	1	
11	5		31	15		51	5		71	15	
12	12		32	2		52	12		72	2	
13	6		33	16		53	6		73	16	
14	13		34	3		54	13		74	3	
15	7		35	17		55	7		75	17	
16	14		36	4		56	14		76	4	
17	8		37	18		57	8		77	18	
18	15		38	5		58	15		78	5	
19	9		39	19		59	9		79	19	

Using the fabric chart for Part B-1/B-2 as a guide, place the fabrics in sequence, one on top of the other in four piles. Starting with fabric 3 for foundation point 1, fabric 10 for foundation point 2, fabric 9 for foundation point 3, fabric 2 for foundation point 4, fabric 8 for foundation point 5, fabric 1 for foundation point 6, fabric 7 for foundation point 7, fabric 20 for foundation point 8, fabric 6 for foundation point 0, fabric 4 for foundation point 9, fabric 11 for foundation point 10, fabric 5 for foundation point 11, fabric 12 for foundation point 12, fabric 6 for foundation point 13 etc., etc.

When you are finished placing the fabrics in the right sequence, turn the pile upside down. In order from the top, the fabrics are: fabric 3, fabric 10, fabric 9, fabric 2, fabric 8, fabric 1, fabric 7, fabric 20, fabric 6, fabric 4, fabric 11, fabric 5 etc., etc.

#### Fabric chart part C-1/C-2: the Twisted Circle

Foundation point #	Fabric		Foundation point #	Fabric		Foundation point #	Fabric		Foundation point #	Fabric
2	6		21	19		41	9		61	19
9	13		22	13		42	3		62	13
1	12		23	20		43	10		63	20
3	5		24	14		44	4		64	14
4	11		25	1		45	11		65	1
5	4		26	15		46	5		66	15
6	10		27	2		47	12		67	2
7	3		28	16		48	6		68	16
8	9		29	3		49	13		69	3
10	7		30	17		50	7		70	17
11	14		31	4		51	14		71	4
12	8		32	18		52	8		72	18
13	15		33	5		53	15		73	5
14	9		34	19		54	9		74	19
15	16		35	6 tapeline C2		55	16		75	6
16	10		36	20		56	10		76	20
17	17		37	7		57	17		77	7
18	11		38	1		58	11		78	1
19	18		39	8		59	18		79	8
20	12		40	2		60	12		80	2

Using the fabric chart for Part C-1/C-2 as a guide, place the fabrics in sequence, one on top of the other in four piles. Starting with fabric 6 for foundation point 2, fabric 13 for foundation point 9, fabric 12 for foundation point 1, fabric 5 for foundation point 3, fabric 11 for foundation point 4, fabric 4 for foundation point 5, fabric 10 for foundation point 6, fabric 3 for foundation point 7, fabric 9 for foundation point 8, fabric 7 for foundation point 10, fabric 14 for foundation point 11, fabric 8 for foundation point 12 etc., etc. When you are finished placing the fabrics in the right sequence, turn the pile upside down. In order from the top, the fabrics are: fabric 6, fabric 13, fabric 12, fabric 5, fabric 11, fabric 4, fabric 10, fabric 3, fabric 9, fabric 7, fabric 14, fabric 8 etc., etc., etc.

**Part E: The Outer Border parts**

Cut the paper templates for Part E, the Large Corner Parts from the template. Fold fabric 22 in half. Place the template for Part E, the Large Corner part on to it. Cut template part E, 4 times to yield 8 pieces. Notice the second seam allowance on the outside of the pieces. Use a marking pencil to transfer the registration marks onto the fabric and gently remove the template from the fabric.

**Part D: The stars**

The star point background is shown as foundation point 1. The star background is always fabric 21. Cut the fabrics as described in the “Fabric cutting chart for the 8 Stars”.

Let’s cut the paper foundations for the 64 star points, part D. Cut your papers a smidge bigger than the outside lines of the template. Take a second look at the star points. Notice the double seam allowance on the curved outside edge. We will make eight star points in eight different color combinations. We start with the first 8 star points, and we will focus on star point: D- 1

**Fabric cutting chart for the 8 Stars.**

Fabric 21:	<b>Foundation point 1:</b> We need 64 star points for part D. Cut 8 strips of 5” x approximately 44”. Sub-cut each strip in 8 pieces of 5” x 5”= 64 pieces.	
Fabrics: 2, 4, 6, 9, 12, 14, 16, 19	Cut 1 strip of 1¼” x 44” in each fabric	<b>Foundation point 2:</b> Cut 8 pieces: 1¼” x 5” from each fabric.
Fabrics: 2, 4, 6, 9, 12, 14, 16, 19	Cut 2 strips of 1¼” x 44” in each fabric.	<b>Foundation point 3 and 4:</b> Cut 4 pieces: 1¼” x 4” and 4 pieces of 1¼” x 6”. Repeat this with the second strip.
Fabrics: 2, 4, 6, 9, 12, 14, 16, 19	Cut 1 strip of 1¼” x 44” in each fabric.	<b>Foundation point 5:</b> Cut 8 pieces: 1¼” x 5” from each fabric.
Fabrics: 2, 4, 6, 9, 12, 14, 16, 19	Cut 1 strip of 1¾” x 44” in each fabric.	<b>Foundation point 6:</b> Cut 8 pieces: 1¾” x 4” from each fabric.

When you have cut all the fabrics for the 8 Stars in the Twisted Circles, separate the fabrics into piles for each star point. Read the chart below in vertical columns, and put the fabrics, per point, in 8 zip lock bags. I highlighted the first point to show you which pieces and colors per point belong to each other. When you have cut the 64 paper templates for the eight star points, separate the star points from each other and you make 8 piles with eight different points each: 1 up to and including 8. Put these eight templates also in the 8 zip lock bags.

**Fabric Selection Chart for Part D: The Star Points. Repeat this another 7 times**

	<b>Point 1</b>	<b>Point 2</b>	<b>Point 3</b>	<b>Point 4</b>	<b>Point 5</b>	<b>Point 6</b>	<b>Point 7</b>	<b>Point 8</b>
Foundation point 1	21	21	21	21	21	21	21	21
Foundation point 2	2	4	6	9	12	14	16	19
Foundation point 3	12	14	16	19	2	4	6	9
Foundation point 4	4	6	9	12	14	16	19	2
Foundation point 5	14	16	19	2	4	6	9	12
Foundation point 6	4	6	9	12	14	16	19	2

Let’s cut the paper foundations for the 64 star points, part D. Cut your papers a smidge bigger than the outside lines of the template. Take a second look at the star points. Notice the double seam allowance on the curved outside edge. We will make eight star points in eight different color combinations. We start with the first 8 star points, and we will focus on star point: D- 1

**The sashings:**

We are almost ready. The only pieces left are the border strips and the triangle border. But the first thing we do is to cut the small border sashings. For the sashings, we use the black fabric (fabric 22) and the striped fabric (fabric 23).

Fabric: 22	Cut 13 strips of 1” by approximately 44”
Fabric: 23	Cut 13 strips of 1” by approximately 44”

### **The Triangle border part: F**

Let's cut out the paper foundations for part F, the triangle border from the template. Cut your papers a smidge bigger than the outside lines of the template. The templates are placed in two parts on the sheets: part F-1/F-3 piece 1 and Part F-1/F-3 piece 2 for the sides 1 and 3, and part F-2/F-4 piece 1 and Part F-2/F-4 piece 2 for the sides 2 and 4.

Fabrics 1 up to and including 20	Cut 1 strip of 4½" x 44"	Cut from the fabrics 14 and 15: 7 pieces each of 3½" x 4½" Cut from the 18 other fabrics 8 pieces each of 3½" x 4½"
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### **Triangle border: Fabric chart part F-1 - F-3**

Foundation point #	Fabric	Foundation point #	Fabric	Foundation point #	Fabric	Foundation point #	Fabric
2	14	21	10	41	1	61	11
1	20	22	4	42	16	62	6
3	19	23	9	43	2	63	12
4	13	24	3	44	17	64	7
5	18	25	8	45	3	65	13
6	12	26	2	46	18	66	8
7	17	27	7	47	4	67	14
8	11	28	1	48	19	68	9
9	16	29	6	49	5	69	15
10	10	30	20	50	20	70	10
11	15	31	5	51	6	71	16
12	9	32	19	52	1	72	11
13	14	33	4	53	7	73	17
14	8	34	18	54	2	74	12
15	13	35	3	55	8	75	18
16	7	36	17	56	3	76	13
17	12	37	2	57	9	77	19
18	6	38	16	58	4	78	14
19	11	39	1	59	10	79	20
20	5	40	15 tapeline	60	5		

Using the Fabric chart of part F-1 as a guide, place the fabrics in sequence, one on top of the other in a pile.

Start with the 4½" x 3½" of fabric 14 for foundation point 2, the 4½" x 3½" of fabric 20 for foundation point 1, the 4½" x 3½" of fabric 19 for foundation point 3, the 4½" x 3½" of fabric 13 for foundation point 4, the 4½" x 3½" of fabric 18 for foundation point 5, the 4½" x 3½" of fabric 12 for foundation point 6, the 4½" x 3½" of fabric 17 for foundation point 7, the 4½" x 3½" of fabric 11 for foundation point 8 etc., etc.

When you are finished placing the fabrics in the right sequence, turn the pile upside down. In order from the top, the fabrics are: fabric 14, fabric 20, fabric 19, fabric 13, fabric 18, fabric 12, fabric 17, fabric 11, fabric 16, fabric 10, fabric 15, fabric 9 etc., etc.

### **The final border and the binding**

Fabric 22 the black fabric	Cut 8 strip of 3½" x 44"	You need 2 strips of 3½" x 72" and 2 strips of 3½" x 79" for the final border.
Fabric 22 the black fabric	Cut 8 strip of 2½" x 44"	This is the fabric for the binding.