

Topsy Turvy Moebius

Designed by Sally and Susan Rainey of The Rainey Sisters
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Materials

Silk Rhapsody by Artyarns (260 yards per skein, 100 grams, 70% mohair 30% silk)
-- 2 skeins; color availability varies

U.S. 7 Circular needle (or size to achieve gauge) at least 47" in length; DPN of same size for i-cord bind off

Gauge

4.5 stitches per inch (gauge is not essential to this project)

Finished circumference

Approximately 48"

Abbreviations

yo	yarnover
ssk	slip st as to knit, slip st as to knit, knit the 2 sts together by inserting the tip of the left needle into the front of the 2 sts on the right needle (decrease 1 st, left leaning decrease)
k2tog	knit 2 sts together as one stitch (decrease 1 st, right leaning decrease)

Directions

Read all directions through once before starting, paying special attention to the NOTES. Pattern is provided in both written and charted forms (chart follows NOTES).

Using Cat Bordhi's Moebius cast on technique, cast on 216 stitches (as counted using Cat's method). Making sure that your cable only crosses itself once, place a marker for beginning of round and join for knitting in the round. Knit one row.

Start pattern (next page).



Topsy Turvy Pattern (in written form):

Rows 1, 3, 5, and 7: *(SSK, yo) 4 times, knit 8. Repeat from * until the end of the round.

Rows 2, 4, 6, and 8: *Knit 8, purl 8. Repeat from * until the end of the round.

Rows 9, 11, 13, and 15: *Knit 8, (yo, K2tog) 4 times. Repeat from * until the end of the round.

Rows 10, 12, 14, and 16: *Purl 8, knit 8. Repeat from * until the end of the round.

Repeat these 16 pattern rows until Topsy Turvy is desired width. (You should be able to knit 2-½ to 3 full repeats.) End on Round 8 or Round 16 of pattern. NOTE: the applied i-cord bind off takes a lot of yarn to complete (enough to work ~5 regular rounds). Make sure you leave ample yarn for the bind off.

Bind off using applied I-cord:

Cast on 3 sts at beg of row using cable cast on method and dpn. Knit these 3 sts; return 3 sts to LH needle by slipping as to purl.

Start bind off:

*K2, sl 1 as to knit (last I-cord st); Sl 1 live st as to knit from 1st dpn; k2tog tbl. Return 3 sts to LH needle; Rep from * until all sts worked. Sew 3 i-cord sts to the 3 cast on sts to make invisible join.

Alternative Bind Off: bind off normally following “k8, p8” sequence as established.



Sally's Topsy Turvy – 2 ½ repeats

Susan's Topsy Turvy – 3 repeats



NOTES

The most crucial part of knitting a Moebius is casting on. There are several methods available, but the one we recommend (with her permission) is Cat Bordhi's. Written instructions and photographs for her Moebius cast on can be found in [A Treasury of Magical Knitting](#). Even more helpful is her instructional video, available on youtube, which features good close-ups and can be stopped and replayed as necessary. Currently, that video can be found by clicking <http://www.youtube.com/watch?v=LVnTda7F2V4>. We recommend practicing the cast on before starting your Topsy Turvy.

As Cat Bordhi explains in more detail, only count those stitches "above" the cable when casting on. Your actual number of stitches when knitting your Moebius will be double the number you cast on (216 stitches above *and* 216 below the cable).

The first row, especially the first half, is a bit difficult to knit. It feels awkward and it can be difficult to move the stitches along the needle. Knitting becomes increasingly easier as you work. When you are finished with the first half of your row, count your stitches again. (You have finished the first half when you reach your marker but it hangs on the cable *below* your needles.) You should have 216 stitches for this first half row. If your stitch count is off by one or two stitches, you can "fudge" here by knitting two together. It is more difficult to add stitches. It is essential to have the stitch count correct at the halfway point of the first round in order for your pattern to line up correctly. Once your stitch count is correct, knit the second half of the row. You'll notice that these stitches will look as if they have already been worked. With a Moebius, each row of knitting produces two rows of width. (Don't ask why, just knit it.)

Each half is a multiple of 16 sts plus 8 or a multiple of 16 sts when both halves are added together ($432/16 = 27$). The overall circumference may be adjusted by adding or subtracting multiples of 16 stitches. **Each half** must remain a multiple of 16 sts + 8 or the pattern will not work (ex.: 248, 232, **216**, 200, 184, 168, etc.). The width is determined by the number of pattern repeats you do. Always end on pattern row 8 or 16 to fully complete the rectangles.

The picture below shows seven rows of knitting. Because the pattern grows from the cast on out, and because each row of knitting equals two rows of width, it looks as if fourteen rows have been worked.



Topsy Turvy Chart

16										-	-	-	-	-	-	-	-	
	/	0	/	0	/	0	/	0										15
14										-	-	-	-	-	-	-	-	
	/	0	/	0	/	0	/	0										13
12										-	-	-	-	-	-	-	-	
	/	0	/	0	/	0	/	0										11
10										-	-	-	-	-	-	-	-	
	/	0	/	0	/	0	/	0										9
8	-	-	-	-	-	-	-	-										
									0	\	0	\	0	\	0	\		7
6	-	-	-	-	-	-	-	-										
									0	\	0	\	0	\	0	\		5
4	-	-	-	-	-	-	-	-										
									0	\	0	\	0	\	0	\		3
2	-	-	-	-	-	-	-	-										
									0	\	0	\	0	\	0	\		1
← 16 st repeat →																		

Key to Chart:

- = blank square = knit
- = purl
- 0 = yarnover
- \ = ssk
- / = k2tog