## Tonks Playful Socks

Yarn: Twisted Fiber Art Playful or other sport / dk weight yarn
Needles: $2.5 \mathrm{~mm} / 1$ US
Gauge: 7.5 sts/in and 10 rows/in over stockinette.
Size: Designed for a foot that is 8 in around and 9 in long.
These socks use two pattern stitches (plus cables) with one sock having the squares pattern on front and the triangles in the back, the other just the reverse.

These are based on Cat Bordhi's architecture from her New Pathways in Sock Knitting. If you have the book, you can size these perfectly for the target foot.


## Squares in front version

Use Judy's Magic Cast On - 7 per needle.
http://www.knitty.com/ISSUEspring06/FEATmagiccaston.html
Knit 1 round.
Start pattern. The pattern on the top of the foot consists of squares of alternating stockinette and reverse stockinette, 3 stitches by 3 rows. There are 5 squares total, centered on the toe. These are flanked by a purl stitch, a four-stitch cable, and another purl stitch.

To start the pattern, work as follows. Note that you could work the toe in plain stockinette until the increases are completed if desired. (Chart follows on next page.)

Round 1: (Top) K1, M1F, K1, P3, K1, M1B, K1. (Sole) K1, M1F, K5, M1B, K1. (9 sts per needle)
Round 2: (Top) K3, P3, K3. (Sole) Knit across.
Round 3: (Top) K1, M1F, K2, P3, K2, M1B, K1. (Sole) K1, M1F, K7, M1B, K1. (11 sts per needle)
Round 4: (Top) K1, P3, K3, P3, K1. (Sole) Knit across.
Round 5: (Top) K1, M1F, P3, K3, P3, M1B, K1. (Sole) K1, M1F, K9, M1B, K1. (13 sts per needle)
Round 6: (Top) K2, P3, K3, P3, K2. (Sole) Knit across.
Round 7: (Top) K1, M1F, P1, K3, P3, K3, P1, M1B, K1. (Sole) K1, M1F, K11, M1B, K1. (15 sts per needle)
Round 8: (Top) K1, P2, K3, P3, K3, P2, K1. (Sole) Knit across.
Round 9: (Top) K1, M1F, P2, K3, P3, K3, P2, M1B, K1. (Sole) K1, M1F, K13, M1B, K1. (17 sts per needle)
Round 10: (Top) K4, P3, K3, P3, K4. (Sole) Knit across.
Round 11: (Top) K1, M1F, K3, P3, K3, P3, K3, M1B, K1. (Sole) K1, M1F, K15, M1B, K1. (19 sts per needle)
Round 12: (Top) K1, P1, K3, P3, K3, P3, K3, P1, K1. (Sole) Knit across.
Round 13: (Top) K1, M1F, P4, K3, P3, K3, P4, M1B, K1. (Sole) K1, M1F, K17, M1B, K1. (21 sts per needle)
Round 14: (Top) K2, P4, K3, P3, K3, P4, K2. (Sole) Knit across.
Round 15: (Top) K1, M1F, K1, P4, K3, P3, K3, P4, K1, M1B, K1. (Sole) K1, M1F,
K19, M1B, K1. (23 sts per needle)
Round 16: (Top) K3, P1, K3, P3, K3, P3, K3, P1, K3. (Sole) Knit across.
Round 17: (Top) K1, M1F, K2, P1, K3, P3, K3, P3, K3, P1, K2, M1B, K1. (Sole) K1, M1F, K19, M1B, K1. (25 sts per needle)
Round 18: (Top) K4, P1, K3, P3, K3, P3, K3, P1, K4. (Sole) Knit across.
Round 19: (Top) K1, M1F, K3, P4, K3, P3, K3, P4, K3, M1B, K1. (Sole) K1, M1F,
K21, M1B, K1. (27 sts per needle)
Round 20: (Top) P1, K4, P4, K3, P3, K3, P4, K4, P1. (Sole) Knit across.
Round 21: (Top) P1, K4, P4, K3, P3, K3, P4, K4, P1. (Sole) Knit across.
Start pattern for instep as follows always knitting across the sole stitches.
Row 1: P1, Cable 4 Right, P1, K3, P3, K3, P3, K3, P1, Cable 4 Left, P1.
Rows 2 \& 3: P1, K4, P1, K3, P3, K3, P3, K3, P1, K4, P1.
Rows 4-6: P1, K4, P4, K3, P3, K3, P4, K4, P1.
Row 7: P1, Cable 4 Left, P1, K3, P3, K3, P3, K3, P1, Cable 4 Right, P1.
Rows 8 \& 9: Repeat rows 2 \& 3.
Rows 10-12: Repeat rows 4-6.

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Work even in this pattern until toe is 3.6 inches in length (or so).
The next time you come to a round where you change the squares from Knit to Purl and vice versa (round $1,4,7$ or 10 in the pattern), work as follows:
Gusset
K6, M1F, knit 1, place marker, knit until 7 stitches remain, place marker, K1, M1B, K6. Maintaining pattern as above on instep stitches, work an increase round on the sole stitches every 3 rounds (rounds 1, 4, 7 and 10 in the instep pattern), as follows:
Knit to 1 stitch before marker, M1F, knit to 1 stitch after second marker, M1B, knit to end of sole stitches.
Continue to increase until you have reached a total of 55 sole stitches ( 82 stitches total.) Knit across the instep stitches on the round where you did your last sole increase.


## Heel

Knit across 41 sole stitches, removing any markers you have in place. Now move the last 14 sole stitches to the beginning of the instep needle. (This is fiddly - you can use another needle or knit the stitches, move them, then unknit them. Or perhaps there's a good way?) Then move the first 14 sole stitches to the other end of the instep needle.
(Note: Choose the number of stitches to increase in the next row depending on whether you have a high, normal, or low instep - numbers are given in that order.) Work across the instep needle, increasing $7(5,3)$ stitches evenly spaced across the first 14 stitches and $7(5,3)$ more across the last 14 stitches (the ones you just moved, so they're all knit stitches.)
Now you're going to start the heel on the 27 sole stitches remaining on their own needle.
Row 1: K3, (slip 1, K1) across until 2 sole stitches remain. Wrap and turn.
Row 2: Purl until 2 sole stitches remain. Wrap and turn.
Odd rows 3-13: Work each stitch as in row 1 (i.e. knit the stitches you knit there, slip if slipped there) until you come to the last unwrapped stitch. Wrap and turn.
Even rows 4-14: Purl all stitches until you come to the last unwrapped stitch. Wrap and turn.
You have wrapped 7 stitches at each end.

Row 15: Knit the knit stitches and slip the slip stitches until you get to the first wrapped stitch. Work this wrap and the next 5 together with the wrapped stitch. When you come to the last 2 stitches, knit the wrap and the two stitches together. Turn.
Row 16: Slip 1, purl to the first wrapped stitch, purl each wrap together with its wrapped stitch to the last two, then purl the two stitches together with the wrap.
Now you are going to move the 14 stitches you put on the instep needle back to the sole needle, together with the increased stitches you added. So you will be moving 21, 19 or 17 stitches at each end. The yarn is now partway along the sole needle. Take the other end of that needle and stick it through the stitches that are before the yarn (one set you just moved.)
You are now working the set of heel stitches you just "turned".
Right-side rows: (Slip 1, knit 1) across 24 stitches, SSK. Turn.
Wrong-side rows: Slip 1, purl across 23 stitches, p2tog. Turn.
Repeat these rows until 2 stitches remain on each end of the needle. On the next rightside row, (slip 1, knit1) across 24 stitches, SSK, K1 and resume working in the round. Work the instep stitches continuing in the pattern you were following, then when you get back to the heel needle, K1, K2tog and knit remaining stitches.

Now you are ready to start working up the leg. In this version, you will leave the stitches on the front in the pattern you already have in place: P1, 4 stitches for a cable, P1, 15 stitches in squares pattern, P1, 4 stitches for another cable, P1. You are going to establish a pattern on the back which is similar: P1, 4 stitches for a cable, P1, 15 stitches in triangle pattern, P1, 4 stitches for a cable, P1.
The two cables on the back will twist on the same rows as those on the front and will go in the same direction as the two in front. This will end up with cables twisting in opposite directions next to each other, separated by two purl stitches, on the two sides of the front. The triangle pattern is a multiple of 5 stitches, as follows:
Round 1: K5.
Round 2: K4, P1.
Round 3: K3, P2.
Round 4: K2, P3.
Round 5: K1, P4.
Round 6: P5.
Thus three repeats of this pattern takes up the same number of stitches as the squares pattern on the front. If you want, you can start this pattern at the same numbered row as the row on the front (less 6 if greater than 6).
Work even in the two patterns as established until the sock measures $81 / 2$ inches from the bottom of the heel, or desired length. Work cuff as follows:
Knit 4 rows.
Switch to needles $1 / 4$ or $1 / 2 \mathrm{~mm}$ smaller in size.
Purl 2 rows.
Knit 4 rows.
Sew live stitches down, following directions here if desired.


## Triangles in Front Version

Use Magic Cast On - 7 per needle.
Knit 1 round.

To start the pattern, work as follows. Note that you could work the toe in plain stockinette until the increases are completed if desired.
(Chart for this toe follows the written instructions.)
Round 1: (Top) K1, M1F, K5, M1B, K1. (Sole) K1, M1F, K5, M1B, K1. (9 sts per needle)
Round 2: (Top) K1, P1, K4, P1, K2. (Sole) Knit across.
Round 3: (Top) K1, M1F, P1, K3, P2, K1, M1B, K1. (Sole) K1, M1F, K7, M1B, K1. (11 sts per needle)
Round 4: (Top) K1, P2, K2, P3, K3. (Sole) Knit across.
Round 5: (Top) K1, M1F, P2, K1, P4, K1, P1, M1B, K1. (Sole) K1, M1F, K9, M1B, K1. (13 sts per needle)
Round 6: (Top) K1, P11, K1. (Sole) Knit across.
Round 7: (Top) K1, M1F, K11, M1B, K1. (Sole) K1, M1F, K11, M1B, K1. (15 sts per needle)
Round 8: (Top) K4, P1, K4, P1, K5. (Sole) Knit across.
Round 9: (Top) K1, M1F, K2, P2, K3, P2, K3, P1, M1B, K1. (Sole) K1, M1F, K13, M1B, K1. (17 sts per needle)
Round 10: (Top) K3, P3, K2, P3, K2, P3, K1. (Sole) Knit across.

Round 11: (Top) K1, M1F, (K1, P4) 3 times, M1B, K1. (Sole) K1, M1F, K15, M1B, K1. (19 sts per needle)
Round 12: (Top) K1, P17, K1. (Sole) Knit across.
Round 13: (Top) K1, M1F, P1, K15, P1, M1B, K1. (Sole) K1, M1F, K17, M1B, K1. (21 sts per needle)
Round 14: (Top) K2, P1, (K4, P1) 3 times, P1, K2. (Sole) Knit across.
Round 15: (Top) K1, M1F, K1, P1, (K3, P2) 3 times, P1, K1, M1B, K1. (Sole) K1, M1F, K19, M1B, K1. (23 sts per needle)
Round 16: (Top) K3, P1, (K2, P3) 3 times, P1, K3. (Sole) Knit across.
Round 17: (Top) K1, M1F, K2, P1, (K1, P4) 3 times, P1, K2, M1B, K1. (Sole) K1, M1F, K21, M1B, K1. (25 sts per needle)
Round 18: (Top) K4, P17, K4. (Sole) Knit across.
Round 19: (Top) K1, M1F, K3,P1, K15, P1, K3, M1B, K1. (Sole) K1, M1F, K23, M1B, K1. (27 sts per needle)
Round 20: (Top) P1, K4, P1, (K4, P1) 3 times, P1, K4, P1. (Sole) Knit across. Round 21: (Top) P1, K4, P4, K3, P3, K3, P4, K4, P1. (Sole) Knit across.

Now start knitting the Triangles pattern stitch beginning at row 4 and keeping cables as established.
Continue working the shaping on this sock just as for the first sock, but keeping the front in the triangles pattern and using the squares pattern for the back. Or knit any combination you prefer.


Tonks Variety Socks

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|  |  |  |  |  |  |  |  | B | - |  | - | - | $\cdot$ | $\bullet$ | $\bullet$ |  | - | - | F |  |  |  |  |  |  |  |  | 5 |
|  |  |  |  |  |  |  |  |  |  |  | - | - | $\bullet$ | $\bullet$ |  |  | - | - |  |  |  |  |  |  |  |  |  | 4 |
|  |  |  |  |  |  |  |  |  | B |  | - | - | $\bullet$ |  |  |  | - | F |  |  |  |  |  |  |  |  |  | 3 |
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