Stained Glass Window Socks

by Karen Wessel

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Stained Glass Window Socks

Needles: a set of 4 or 5 3mm dpns (US #2½)

Yarn: 50g each of two different coloured sock yarn (ca. 400m/100g, 437 Yards/3.5oz),
    Ideally one yarn is self-striping

Gauge: 36 sts and 40 rows to measure 10x10cm (4x4in) over the various patterns using 3mm
    needles

Cast on:
72 stitches (24stitches/needles if using 4, 18stitches/needle if using 5) and join into a round without twisting. If you need a sock with a different width – this pattern is easily adjustable, just add or subtract a multiple of 4 stitches. All stitches are knit stitches unless otherwise noted.

Leg pattern:
Knit 5 rows ribbing (2knit, 2purl) in the contrast colour (cc; black). If you prefer to knit from a chart – it starts after these initial five rounds of ribbing. Join the self striping (ss).
For the next 15 rows repeat: *2 knit in cc, 2 purl in ss*
For the next 5 rows repeat: *2knit in cc, 2 knit in ss*

Row 26: *1ss, 2cc, 1ss*
Row 27: *2ss, 2cc*
Row 28: *1cc, 2ss, 1cc*
Row 29: *2cc, 2ss*
Rows 30 - 33: repeat rows 26 – 29
Row 34: *1cc, 2ss, 1cc*
Row 35: *2ss, 2cc*
Row 36: *1ss, 2cc, 1ss*
Row 37: *2cc, 2ss*
Row 38-44: repeat rows 34 – 37 once and then rows 34 – 36 again
Row 45: *2ss, 2cc*
Row 46: *1cc, 2ss, 1cc*

Row 47: *2cc, 2ss*
Row 48: *1ss, 2cc, 1ss*
Row 49 + 50: repeat rows 45 and 46
Row 51: *2ss, 2cc*
Row 52: *1ss, 2cc, 1ss*
Row 53: *2cc, 2ss*
Row 54: *1cc, 2ss, 1cc*
Row 55-60: repeat rows 51-54 once and then rows 51 and 52 again
Row 61: *2ss, 2cc*
Row 62: *1cc, 2ss, 1scc*
Row 63: *2cc, 2ss*
Row 64: *1ss, 2cc, 1ss*

Heel:
The heel is knit over half the number of stitches (36 stitches). I have arranged the heel so that the "seam" (i.e. the beginning of each new round) is right in the middle of the 36 heel stitches; using the first 18 and the last 18 stitches for the heel. The heel stitches should be arranged so that on each side of the heel there is one stitch in the contrast colour (black).

Heel-flap:
1st heel row (right side): *1ss, 2cc, 1ss* 4times, 1ss, 1cc; turn the work
2nd heel row (wrong side): slip 1, then purl: *2ss, 2cc* for 35 stitches, ending with 1cc; turn work
3rd row (right side) slip 1, then knit: *2ss, 2cc for 32 stitches, then 2ss, 1cc; turn work
Repeat rows 2 and 3 until heel flap measures ca. 5cm/2inches (23 rows); turn work

Turn the heel:

1st row (wrong side): slip 1, then purl *2ss, 2cc* for 24 stitches, p2tog in ss, p1 in ss (this will change the colour of the stitch)

2nd row (right side): slip 1, then knit *1ss, 2cc, 1ss* and ending with 2cc for 15 stitches, k2tog in ss, k1 in ss (this will change the colour of the stitch)

3rd row (wrong side): slip 1, then purl *1ss, 2cc, 1ss* for 16 stitches, p2tog in ss, p1 in cc (this will change the colour of the stitch)

4th row (right side): slip 1, then knit *2ss, 2cc* and ending with 2ss for 17 stitches, k2tog in ss, k1 in cc (this will change the colour of the stitch)

5th row (wrong side): slip 1, then purl *2ss, 2cc* and ending with 2ss for 18 stitches, p2tog in cc, p1 in cc

6th row (right side): slip 1, then knit *1cc, 2ss, 1cc* and ending with 2ss for 19 stitches, k2tog in cc, k1 in cc

7th row (wrong side): slip 1, then purl *1cc, 2ss, 1cc* for 20 stitches, p2tog in cc, p1 in ss

8th row (right side): slip 1, then knit *2cc, 2ss* and ending with 1cc for 21 stitches, k2tog in cc, k1 in ss

9th row (wrong side): slip 1, then purl *2cc, 2ss* and ending with 1cc for 22 stitches, p2tog in ss, p1 in ss (this will change the colour of the stitch)

10th row (right side): slip 1, then knit *1ss, 2cc, 1ss* and ending with 2cc for 23 stitches, k2tog in ss, k1 in ss (this will change the colour of the stitch)

There are now 26 heel stitches total.

Gusset and foot notes:

The bottom half of the sock (i.e. the sole stitches) are worked in stripes as established as soon as the gusset stitches are picked up; continue to work the stripes even after the gusset decreases are done. The top of the foot is worked in pattern, starting with the row you pick up and knit the gusset stitches.

Gusset:

Pick up 24 stitches and knit *2cc, 2ss* for 20 stitches, then knit 4 stitches in cc (black). Move on to the stitches left aside during working the heel and continue to work these (36 stitches total) according to the foot pattern starting with the 1st row of it.

Pick up another 24 stitches on the other side of the heel flap. Knit the first 4 stitches in cc (black); then knit *2ss, 2cc* until the end of the row (this includes 13 stitches from the heel flap to finish this round).

2nd row: knit 32 stitches in *1ss, 2cc, 1ss* then knit 1 in ss, knit 1 in cc, k2tog in cc, k1 in cc; knit the next 36 stitches according to the 2nd row of the foot pattern; then k1 in cc, slip, slip, knit both slipped stitches together in cc, knit 1 in cc, *2ss, 2cc* to end of row

3rd row (and every other row): knit the sole stitches as established and the 36 stitches on the top of the foot according to the foot pattern.

4th row: knit to the last 3 stitches of the sole as established, then k2tog in cc, knit 1 cc; follow foot pattern for 36 stitches; k1 in cc, slip, slip and knit the two slipped stitches together in cc, finish row as established.

6th row: knit to the last 3 stitches of the sole as established, then slip, slip and knit both slipped stitches together in ss (this will bring the ss stitch on top), k1 in cc; follow foot pattern for the next 36 stitches; knit 1 in cc, k2tog in ss (this will bring the ss stitch on top); finish row as established

8th row: knit to the last 3 stitches of the sole as established, then k2tog in ss, k1 cc; follow foot pattern for 36 stitches; knit 1 in cc, slip, slip and knit slipped stitches together, finish row as established

Continue to alternate row 8 and row 3 until there are 62 sole stitches left (=12th row of foot pattern). From then on, repeat only row 8 until you have 36 sole stitches (=25th row of foot pattern).

Foot pattern:

1st row: *2cc, 2ss*
2nd row: *1cc, 2ss, 1cc*
3rd row: *2ss, 2cc*
4th row: *1ss, 2cc, 1ss*
5th to 12th row: repeat these four rows two more
     times (for a total of twelve rows)
13th row: *2ss, 2cc*
14th row: *1cc, 2ss, 1cc*
15th row: *2cc, 2ss*
16th row: *1ss, 2cc, 1ss*
17th to 24th row: repeat rows 13 to 16 twice
     more

25th row: *2cc, 2ss*
26th row: *1cc, 2ss, 1cc*
27th row: *2ss, 2cc*
28th row: *1ss, 2cc, 1ss*
29th row: *2cc, 2ss*
30th row: *1ss, 2cc, 1ss*
31st row: *2ss, 2cc*
32nd row: *1cc, 2ss, 1cc*
33rd row: *2cc, 2ss*
34th row: *1ss, 2cc, 1ss*

35th row onwards: start the pattern again at row 1 of the foot, making sure to stop ~5cm/2inches before the desired foot length to allow for the toe.

Toe:
When starting the toe make sure that the top and the bottom set of 36 stitches each start and end in a contrast colour (black). Work the toe in straight stripes as established by the point you stopped the pattern.

1st row: k18 as established (half of the bottom of the foot, each row afterwards will start here); k1 (a contrast colour stitch), slip2 knit-wise and knit together in ss (both stitches should be in self-striping), k30 as established, k2tog (both self-striping) in ss, k2 (contrast colour, 1 stitch from the top of the foot, the other from the bottom), slip 2 stitches and knit together in ss, K30 as established, k2tog in ss , k1 (contrast colour)

2nd row (and all even rows after this): k all stitches in stripe pattern as established

3rd row (and all uneven rows after this): k1 (contrast colour), slip 2 and knit together in ss (the first of these two stitches will always be self-striping), k until 3stitches from end of top of foot, k2tog in ss (the second stitch will always be self-striping), k2 (contrast colour), slip 2 and knit together inss (the first of these two stitches will always be self-striping), k until 3 stitches to end of row/bottom of foot, k2tog in ss (the second stitch will always be self-striping), k1 (contrast colour)

Repeat rows 2 and 3 until there are only 32 stitches left (16 for the top of the foot and 16 for the bottom of the foot), taking care to end on row3/an uneven row and break self-striping yarn.

k one round in contrast colour (black), break yarn and leave a tail long enough to graft the toe stitches together. Weave in the ends.

All done – just don't forget the second sock…

Foot Chart:

											#
	X	X			X	X			X	X	34
		X	X			X	X			X	33
X			X	X			X	X			32
X	X			X	X			X	X		31
	X	X			X	X			X	X	30
		X	X			X	X			X	29
	X	X			X	X			X	X	28
X	X			X	X			X	X		27
X			X	X			X	X			26
		X	X			X	X			X	25
	X	X			X	X		X		X	24
		X	X			X	X			X	23
X			X	X			X	X			22
X	X			X	X			X	X		21
	X	X			X	X			X	X	20
		X	X			X	X			X	19
X			X	X			X	X			18
X	X			X	X			X	X		17

											#
	X	X			X	X			X	X	16
		X	X			X	X			X	15
X			X	X			X	X			14
X	X			X	X			X	X		13
	X	X			X	X			X	X	12
X	X			X	X			X	X		11
X			X	X			X	X			10
		X	X			X	X			X	09
	X	X			X	X			X	X	08
X	X			X	X			X	X		07
X			X	X			X	X			06
		X	X			X	X			X	05
	X	X			X	X			X	X	04
X	X			X	X			X	X		03
		X	X			X	X			X	02
	X	X			X	X			X	X	01

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Leg Chart:

1	2	3	4	5	6	7	8	9	10	11	12	Row
	X	X			X	X			X	X		68
		X	X			X	X			X	X	67
X			X	X			X	X			X	66
X	X			X	X			X	X			65
	X	X			X	X			X	X		64
X	X			X	X			X	X			63
X			X	X			X	X			X	62
		X	X			X	X			X	X	61
	X	X			X	X			X	X		60
X	X			X	X			X	X			59
X			X	X			X	X			X	58
		X	X			X	X			X	X	57
	X	X			X	X			X	X		56
X	X			X	X			X	X			55
X			X	X			X	X			X	54
X	X			X	X			X	X			53
	X	X			X	X			X	X		52
		X	X			X	X			X	X	51
X			X	X			X	X			X	50
X	X			X	X			X	X			49
	X	X			X	X			X	X		48
X	X			X	X			X	X			47
X			X	X			X	X			X	46
		X	X			X	X			X	X	45
	X	X			X	X			X	X		44
X	X			X	X			X	X			43
X			X	X			X	X			X	42
		X	X			X	X			X	X	41
	X	X			X	X			X	X		40
X	X			X	X			X	X			39
X			X	X			X	X			X	38
		X	X			X	X			X	X	37

1	2	3	4	5	6	7	8	9	10	11	12	Row
	X	X			X	X			X	X		36
X	X			X	X			X	X			35
X			X	X			X	X			X	34
		X	X			X	X			X	X	33
X			X	X			X	X			X	32
X	X			X	X			X	X			31
	X	X			X	X			X	X		30
		X	X			X	X			X	X	29
X			X	X			X	X			X	28
X	X			X	X			X	X			27
	X	X			X	X			X	X		26
		X	X			X	X			X	X	25
		X	X			X	X			X	X	24
		X	X			X	X			X	X	23
		X	X			X	X			X	X	22
		X	X			X	X			X	X	21
P	P	X	X	P	P	X	X	P	P	X	X	P
P	P	X	X	P	P	X	X	P	P	X	X	P
P	P	X	X	P	P	X	X	P	P	X	X	P
P	P	X	X	P	P	X	X	P	P	X	X	P
P	P	X	X	P	P	X	X	P	P	X	X	P
P	P	X	X	P	P	X	X	P	P	X	X	15
P	P	X	X	P	P	X	X	P	P	X	X	14
P	P	X	X	P	P	X	X	P	P	X	X	13
P	P	X	X	P	P	X	X	P	P	X	X	12
P	P	X	X	P	P	X	X	P	P	X	X	11
P	P	X	X	P	P	X	X	P	P	X	X	10
P	P	X	X	P	P	X	X	P	P	X	X	09
P	P	X	X	P	P	X	X	P	P	X	X	08
P	P	X	X	P	P	X	X	P	P	X	X	07
P	P	X	X	P	P	X	X	P	P	X	X	06

Legend:
Empty square: self-striping
X: contrast colour (black)
P: purl in self-striping