

EXPLORATION STATION

WEST
KNITS

by STEPHEN WEST

This semi-circular shawl starts with an I-cord cast on and increases with shorts rows and yarn overs in the first section. Two color brioche forms the next section followed by slipped stitches and textured stripes. The final chevron border features a pop of color and an I-cord bind off. Choose 4 colors and enjoy the Exploration Station!

FINISHED MEASUREMENTS

22" / cm from CO to BO,
70" / cm wingspan length.

Measurements taken after blocking.

YARN

Fingering weight

Yardage:

Color A - 275yds / 251m

Color B - 200yds / 183m

Color C - 185yds / 169m

Color D - 260yds / 238m

Shown in:

Madelinetosh Tosh Merino Light (100% Merino Wool; 420yds / 384m per 115g skein)

Color A - El Greco

Color B - Neon Peach

Color C - Reindeer

Color D - Antler

NEEDLES

40" US 6 / 4mm circular

GAUGE

20 sts & 48 rows = 4" /
10cm in garter stitch

ABBREVIATIONS

BO: bind off

CO: cast on

k: knit

k2tog: knit two together

kfb: knit into front and back of stitch

p: purl

RS: right side

sl: slip

ssk: slip slip knit

st/s: stitch/es

tbl: through back loop

WS: wrong side

wyib: with yarn in back

wyif: with yarn in front

yo: yarn over

*brioche stitches are described in SECTION 2



Row 3 (RS): K10, sl3 wyif.

Row 4 (WS): K10, sl3 wyif.

Repeat last 2 rows once more.

Row 7 (RS): K4, (yo twice, k1) 6 times, sl3 wyif.

Row 8 (WS): K4 (k1/p1 in to double yo, k1) 6 times, sl3 wyif. 25 sts. Break color A.

WEDGE 1

Row 1 (RS): Using B, k3, kfb, k16, turn to work WS.

Row 2 (WS): K to last 3 sts, sl3 wyif.

Row 3 (RS): K3, kfb, k to 3 sts before last turn, turn to work WS.

Row 4 (WS): K to last 3 sts, sl3 wyif.

Repeat last 2 rows 6 more times. Break color B. 33 sts.

Next Row (RS): Using A, k3, kfb, k1, (ssk, yo twice, k1) 8 times, k1, sl3 wyif.

Next Row (WS): K3, kfb, k1, (k1/p1 into double yo, k2) 8 times, k2, sl3 wyif. 43 sts. Do NOT break color A.

INSTRUCTIONS

Here is a video tutorial to assist with Section 1 techniques:
<http://youtu.be/8YTvU5jxG34>

>>>> SECTION 1: SHORTROW SHOWDOWN <<<<

Using A, CO 3 sts with a long tail CO, *slip 3 sts to left needle, k3, repeat from * 4 more times. You should now have an I-cord 5 rows long. Do not slip sts to left needle after knitting the last 3 sts. Pick up and k3 sts along the edge of I-cord.

Next Row (WS): K3 CO sts, k3, sl3 wyif. 9 sts.

Row 1 (RS): K4, (yo twice, k1) twice, sl3 wyif.

Row 2 (WS): K4, (k1/p1 into double yo, k1) twice, sl3 wyif. 13 sts.

WEDGE 2

Row 1 (RS): Slip 8 sts to right needle. Using C, k to last 3 sts, sl3 wyif.

Row 2 (WS): K3, kfb, k to last 8 sts (in other words, k all C sts), turn to work RS row.

Row 3 (RS): K to last 3 sts, sl3 wyif.

Row 4 (WS): K3, kfb, k to 4 sts before last turn, turn to work RS row.

Row 5 (RS): K to last 3 sts, sl3 wyif.

Repeat last 2 rows 9 more times. 54 sts. Break color C. Slide stitches over to the other needle to work another RS row with color A.

Next Row (RS): Using A, k3, kfb, k4, (yo twice, k2tog, k2) 10 times, yo twice, k2tog, k1, sl3 wyif.

Next Row (WS): K3, kfb, k1, (k1/p1 into double yo, k3) 11 times, k3, sl3 wyif. Break color A. 67 sts.

WEDGE 3

Row 1 (RS): Using D, k3, kfb, k to last 7 sts, turn to work WS.

Row 2 (WS): K to last 3 sts, sl3 wyif.

Row 3 (RS): K3, kfb, k to 5 sts before last turn, turn to work WS.

Row 4 (WS): K to last 3 sts, sl3 wyif.

Repeat last 2 rows 12 more times. Break color D. 81 sts.

Next Row (RS): Using A, k3, kfb, k3, (ssk, yo twice, k3) 14 times, k1, sl3 wyif.

Next Row (WS): K3, kfb, k3, (k1/p1 into double yo, k4) 14 times, k2, sl3 wyif. 97 sts. Do NOT break color A.

WEDGE 4

Row 1 (RS): Slip 10 sts to right needle. Using B, k to last 3 sts, sl3 wyif.

Row 2 (WS): K3, kfb, k to last 10 sts (in other words, k all B sts), turn to work RS row.

Row 3 (RS): K to last 3 sts, sl3 wyif.

Row 4 (WS): K3, kfb, k to 6 sts before last turn, turn to work RS row.

Row 5 (RS): K to last 3 sts, sl3 wyif.

Repeat last 2 rows 15 more times. 114 sts. Break color B. Slide stitches over to the other needle to work another RS row with color A.

Next Row (RS): Using A, k3, kfb, k6, (yo twice, k2tog, k4) 16 times, yo twice, k2tog, k3, sl3 wyif.

Next Row (WS): K3, kfb, k3, (k1/p1 into double yo, k5) 17 times, k3, sl3 wyif. Break color A. 133 sts.

WEDGE 5

Row 1 (RS): Using C, k3, kfb, k to last 9 sts, turn to work WS.

Row 2 (WS): K to last 3 sts, sl3 wyif.

Row 3 (RS): K3, kfb, k to 7 sts before last turn, turn to work WS.

Row 4 (WS): K to last 3 sts, sl3 wyif.

Repeat last 2 rows 18 more times. Break color C. 153 sts.



Next Row (RS): Using A, k3, kfb, k5, (ssk, yo twice, k5) 20 times, k1, sl3 wyif.

Next Row (WS): K3, kfb, k5, (k1/p1 into double yo, k6) 20 times, k2, sl3 wyif. 175 sts. Do NOT break color A.

WEDGE 6

Row 1 (RS): Slip 12 sts to right needle. Using D, k to last 3 sts, sl3 wyif.

Row 2 (WS): K3, kfb, k to last 12 sts (in other words, k all D sts), turn to work RS row.

Row 3 (RS): K to last 3 sts, sl3 wyif.

Row 4 (WS): K3, kfb, k to 8 sts before last turn, turn to work RS row.

Row 5 (RS): K to last 3 sts, sl3 wyif.

Repeat last 2 rows 21 more times. 198 sts. Break color D. Slide stitches over to the other needle to work another RS row with color A.

Next Row (RS): Using A, k3, kfb, k8, (yo twice, k2tog, k6) 22 times, yo twice, k2tog, k5, sl3 wyif.

Next Row (WS): K3, kfb, k5, (k1/p1 into double yo, k7) 23 times, k3, sl3 wyif. Break color A. 223 sts.

Here is a video tutorial to assist with Section 2 techniques:

<http://youtu.be/LcTLmuWdpvU>

>>>> SECTION 2: BOUNTIFUL BRIOCHE <<<<

This section is worked using two-color brioche. Each row is worked twice, first with color B and then again with color C.

brk: brioche knit also known as bark, knit the stitch (that was slipped in the previous row) together with its yarn over.

brkyobrck: Two stitches spring out of the center of one stitch (the marked stitch) with this increase. In the marked stitch: work a brkyobrck as follows: brk1, yo (yarn forward under needle then over needle to back), then brk1 into same stitch. 2 sts inc'd.

brp: brioche purl also known as burp, purl the stitch (that was slipped in the previous row) together with its yarn over.

sl1yo following a k or brk st: (slip 1 yarn over) bring the working yarn under the needle to the front of the work, slip the next stitch purl-wise, then bring the yarn over the needle (and over the slipped stitch) to the back, in position to work the following stitch.

sl1yo following a p or brp st: (slip 1 yarn over) working yarn is already in front, slip the next stitch purl-wise, then bring the yarn over the needle (and over the slipped stitch), then to the front under the needle, into position to work the following stitch.



Row 1 (RS): Using B, k3, (k1, sl1yo) to last 4 sts, k1, sl3 wyif. Do not turn, slide stitches to work the same row with the other color.

Row 1 (RS): Using C, sl3 wyib, (sl1yo, brp1) to last 4 sts, sl1yo, sl3 wyib. Turn work to WS.

Row 2 (WS): Using B, k3, (brp1, sl1yo) to last 4 sts, brp1, sl3 wyif. Do not turn, slide stitches to work the same row with the other color.

Row 2 (WS): Using C, sl3 wyif, (sl1yo, brk1) to last 4 sts, sl1yo, sl3 wyif. Turn work to RS.

Row 3 (RS): Using B, k3, brkyobrk, (sl1yo, brk1) to last 5 sts, sl1yo, brkyobrk, sl3 wyif. Do not turn, slide stitches to work the same row with the other color. 4 sts increased.

Row 3 (RS): Using C, sl3 wyib, sl1yo, p1, (sl1yo, brp1) to last 6 sts, sl1yo, p1, sl1yo, sl3 wyib. Turn work to WS.

Row 4 (WS): Using B, k3, (brp1, sl1yo) to last 4 sts, brp1, sl3 wyif. Do not turn, slide stitches to work the same row with the other color.

Row 4 (WS): Using C, sl3 wyif, (sl1yo, brk1) to last 4 sts, sl1yo, sl3 wyif. Turn work to RS.

Row 5 (RS): Using B, k3, (brk1, sl1yo) to last 4 sts, brk1, sl3 wyif. Do not turn, slide stitches to work the same row with the other color.

Row 5 (RS): Using C, sl3 wyib, (sl1yo, brp1) to last 4 sts, sl1yo, sl3 wyib. Turn work to WS.

Row 6 (WS): Using B, k3, (brp1, sl1yo) to last 4 sts, brp1, sl3 wyif. Do not turn, slide stitches to work the same row with the other color.

Row 6 (WS): Using C, sl3 wyif, (sl1yo, brk1) to last 4 sts, sl1yo, sl3 wyif. Turn work to RS.

Repeat Rows 3-6 twice more, then repeat Rows 3 & 4 once more. There should be 16 knit column stitches on each side. 239 sts. Break colors B & C.

Next Row (RS): Using A, k3, (brk1, k1) 5 times, *yo twice, (brk1, k1) 4 times, brk1, yo twice, (k1, brk1) 4 times, k1, repeat from * 11 more times, yo twice, (brk1, k1) 3 times, brk1, sl3 wyif.

Next Row (WS): K10, (k1/p1 into double yo, k9) 25 times, k1, sl3 wyif. 289 sts. Break color A.

>>>> SECTION 3: SASSY SLIPS <<<<

Carry colors C & D along the right edge while striping colors.

Row 1 (RS): Using D, k3, kfb, k to last 3 sts, sl3 wyif.

Row 2 (WS): K3, kfb, (k1, p1) to last 4 sts, k1, sl3 wyif.

Row 3 (RS): Using C, k3, kfb, (sl1 wyib, k1) to last 3 sts, sl3 wyif.

Row 4 (WS): K3, kfb, (k1, p1) to last 4 sts, k1, sl3 wyif.

Repeat last 4 rows 5 more times, then repeat Rows 1 & 2 once more. 315 sts. Break colors C & D.

Next Row (RS): Using color A, k3, kfb, k1, (k11, yo twice) 27 times, k10, sl3 wyif.

Next Row (WS): K3, kfb, k9, (k1/p1 into double yo, k11) 27 times, k3, sl3 wyif. 371 sts. Break color A.

>>>> SECTION 4: NOTHING BUT KNIT <<<<

Row 1 (RS): Using color B, k3, kfb, k to last 5 sts, kfb, k1, sl3 wyif. Do not turn to work WS. Slide sts to work the same side with color D.

Row 2 (RS): Using color D, k to last 3 sts, sl3 wyif. Turn to work WS.

Row 3 (WS): Using color B, k3, kfb, k to last 5 sts, kfb, k1, sl3 wyif. Do not turn to work RS. Slide sts to work the same side with color D.

Row 4 (WS): Using color D, k to last 3 sts, sl3 wyif. Turn to work RS.

Repeat last 4 rows 5 more times. 395 sts. Break colors B & D.

Next Row (RS): Using color A, k3, kfb, k6, pm, k7, yo twice, (k13, yo twice) 28 times, k7, pm, k4, sl3 wyif.

Next Row (WS): K3, kfb, k3, slm, k7, (k1/p1 into double yo, k13) 28 times, k1/p1 into double yo, k7, slm, k8, sl3 wyif. 455 sts.

>>>> SECTION 5: CHEVRON SHENANIGANS <<<<

Row 1 (RS): Using color A, k3, kfb, k to m, slm, ssk, k6, (yo twice, k6, SK2P, k6) 28 times, yo twice, k6, k2tog, slm, k to last 3 sts, sl3 wyif.

Row 2 (WS): K3, kfb, k to m, slm, k7, (k1/p1 into double yo, k13) 28 times, k1/p1 into double yo, k7, slm, k to last 3 sts, sl3 wyif.

Repeat last 2 rows 7 more times. 471 sts.

BO all sts on the next RS row using an I-cord BO as follows, *K2, k2tog tbl, slip 3 sts back onto left needle, repeat from * to last 3 sts. 6 total sts remain. Graft the 6 remaining sts together.

>>>> FINISHING <<<<

Weave in ends and block the finished shawl.