

VERTICES

UNITE

by STEPHEN WEST

WEST
KNITS

Vertices Unite is a playful geometric shawl exploration filled with fun shaping techniques and lots of color. Increases, decreases, and short rows form the simple shapes. Each section is picked up and knit from the last section or worked as it is being joined to the other pieces like a puzzle so it is completely seamless. An I-cord border adds a crisp outline to the finished shawl. Grab a collection of fingering weight yarns and choose the sweet small size or a lusciously large wrap.

SIZES

Sizes: Small [Large]

FINISHED MEASUREMENTS

52 [100]” / 132 [254]cm
wingspan length
14 [23]” / 36 [58]cm wide.

Measurements taken after blocking.

YARN

Fingering weight

Yardage: Color A - 150 [285]yds / 137 [261]m
Color B - 155 [320]yds / 142 [293]m
Color C - 90 [165]yds / 82 [151]m
Color D - 95 [230]yds / 87 [210]m
Color E - 135 [310]yds / 123 [283]m

Shown in: Small Size
Skein Top Draw Socks
(85% Merino Wool, 15%
Nylon; 437yds / 400m per
95g skein)

Color A - Graphite
Malabrigo Sock (100%
Merino Wool; 440yds /
402m per 100g skein)
Color B - Alcaucil
Madelinetosh Tosh Merino
Light (100% Merino Wool;
420yds / 384m per 115g
skein)
Color C - Antler, Color D -
Dust Bowl, Color E - Oak

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

Color A - Edison Bulb
A Verb for Keeping Warm
Floating (70% Alpaca,
20% Cashmere, 10% Silk;
400yds / 366m per 100g
skein)

Color B - Filigree
The Fibre Company Road
to China Light (65%
Alpaca, 15% Silk, 10%
Camel, 10% Cashmere;
159yds / 145m per 50g
skein)
Color C - Grey Pearl, Color
D - Hematite, Color E -
Agate

NEEDLES & NOTIONS

40” US 4 / 3.5mm circular
1 tapestry needle

GAUGE

24 sts & 48 rows = 4” / 10cm
in garter stitch



ABBREVIATIONS

BO: bind off

CO: cast on

k: knit

kfb: knit into front and back
of stitch

k2tog: knit two together

m1: (make one) increase 1
stitch using the backwards
loop cast on method

RS: right side

sl: slip (slipped stitches are
slipped purl-wise)

SK2P: slip 1, knit 2

together, pass slipped stitch
over

ssk: slip slip knit

st/s: stitch/es

WS: wrong side

wyib: with yarn in back

wyif: with yarn in front

INSTRUCTIONS

>>>> SECTION 1 <<<<

Using A, CO 2 sts.

Row 1 (RS): Kfb, sl1 wyif.

Row 2 (WS): K2, sl1 wyif.

Row 3 (RS): Using B, k2, sl1 wyif.

Row 4 (WS): K2, sl1 wyif.

Row 5 (RS): Using A, Kfb, k to last st, sl1 wyif.

Row 6 (WS): K to last st, sl1 wyif.

Row 7 (RS): Using B, k to last st, sl1 wyif.

Row 8 (WS): K to last st, sl1 wyif.

Repeat last 4 rows 56 [86] more times. 60 [90] sts. Place a marker into the last color B garter ridge. This marks where you will start picking up stitches in SECTION 2.

Next Row (RS): Using A, k to last st, sl1 wyif.

Next Row (WS): K1, ssk, k to last st, sl1 wyif.

Next Row (RS): Using B, k to last st, sl1 wyif.

Next Row (WS): K1, ssk, k to last st, sl1 wyif.

Repeat last 4 rows 27 [42] more times. 4 sts.

Next Row (RS): Using A, k3, sl1 wyif.

Next Row (WS): K1, ssk, sl1 wyif. 3 sts.

Next Row (RS): Using B, k2, sl1 wyif.

Next Row (WS): Ssk, sl1 wyif. Break yarn and pull strand through the remaining 2 sts.

>>>> SECTION 2 <<<<

Using C and with RS facing pick up and k117 [177] sts into the left SECTION 1 selvedge. Pick up sts starting at the marked color B selvedge row from SECTION 1 (before the decrease rows).

Next Row (WS): K to last st, sl1 wyif.

Row 1 (RS): Using D, kfb, k to last 5 sts, turn to work WS.

Row 2 (WS): K to last st, sl1 wyif.

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

Row 4 (WS): K to last st, sl1 wyif.

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

Row 6 (WS): K to last st, sl1 wyif.

Repeat last 4 rows 9 [16] more times. There should be 11 [18] color C ridges and 11 [18] color D ridges.



Next Row (RS): Using C, kfb, k to 6 [4] sts before last turn, turn to work WS.

Next Row (WS): K to last st, sl1 wyif.

Next Row (RS): Using D, kfb, k to 6 [4] sts before last turn, turn to work WS.

Next Row (WS): K to last st, sl1 wyif.

Repeat last 4 rows 2 [4] more times. Break color D.

Next Row (RS): Using C, kfb, k to last st while closing the short row gaps, sl1 wyif.

Next Row (WS): K to last st, sl1 wyif.

Break yarn and place 145 [223] sts onto waste yarn or a spare circular needle.

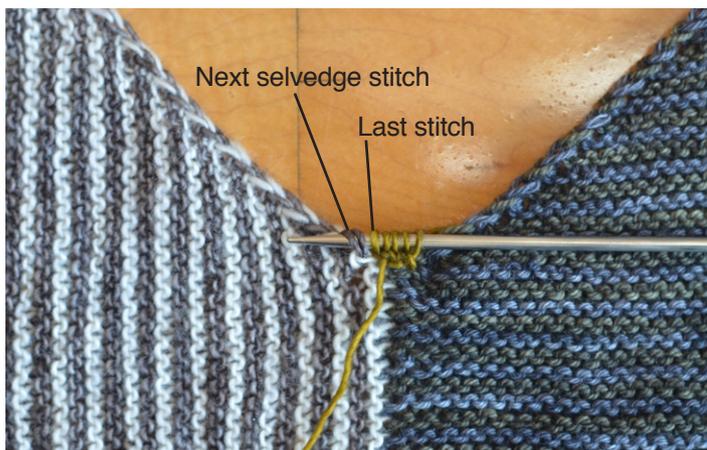
>>>> SECTION 3 <<<<

Using E and with RS facing, pick up and k2 sts in the corner where SECTION 1 and SECTION 2 meet.

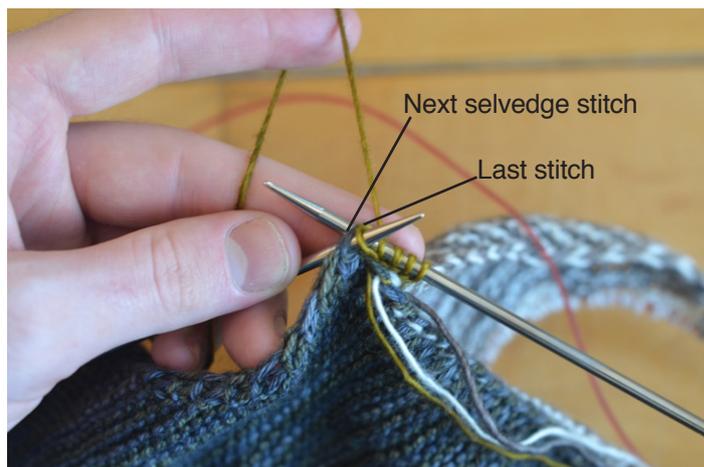


Next Row (WS): Kfb, k1. 3 sts.

Row 1 (RS): Sl1 wyif then place the yarn in back to knit, m1, k1, m1, sl2 wyif (last st & next selvedge stitch from SECTION 2). 5 sts.



Row 2 (WS): K2tog, k3, ssk (last st together with next selvedge st from SECTION 1).



Row 3 (RS): Sl1 wyif then place the yarn in back to knit, kfb twice, k1, sl2 (last st & next selvedge stitch from SECTION 2). 7 sts.

Row 4 (WS): K2tog, k to last st, ssk (last st together with next selvedge st from SECTION 1).

Row 5 (RS): Sl1 wyif then place the yarn in back to knit, kfb, k to last 3 sts, kfb, k1, sl2 (last st & next selvedge stitch from SECTION 2).

Row 6 (WS): K2tog, k to last st, ssk (last st together with next selvedge st from SECTION 1).

Repeat last 2 rows 25 [43] more times. 59 [95] sts.

Next Row (RS): Sl1 wyif then place the yarn in back to knit, kfb, k to last st, sl1 wyif.

Next Row (WS): K1, ssk, k to last st, ssk (last st together with next selvedge st from SECTION 1).

Repeat last 2 rows 28 [41] more times.

Next Row (RS): K to last st, sl1 wyif.

Next Row (WS): K1, ssk, k to last 3 sts, k2tog, sl1 wyif.

Repeat last 2 rows 26 [44] more times. 5 sts.

Next Row (RS): K4, sl1 wyif.

Next Row (WS): K1, SK2P, sl1 wyif.

Next Row (RS): K2, sl1 wyif.

Next Row (WS): Ssk, sl1 wyif. Break yarn and pull strand through the remaining 2 sts.

>>>> SECTION 4 <<<<

Using D and with RS facing, pick up and k60 [88] sts along right edge of SECTION 1 selvedge (starting at the marked color B ridge before the SECTION 1 decreases).

Next Row (WS): K to last 2 sts, turn to work RS row.

Row 1 (RS): K to last st, sl1 wyif.

Row 2 (WS): K to 2 sts before last turn, turn to work RS.

Repeat last 2 rows 27 [41] more times.

Next Row (RS): K2, sl1 wyif.

Next Row (WS): K to last st while closing the short row gaps, sl1 wyif.

Break yarn and place 60 [88] sts onto waste yarn or a spare circular needle.

>>>> SECTION 5 <<<<

Using A, pick up and k30 [44] sts into SECTION 4 selvedge, sl1 selvedge st from SECTION 3 wyif.

Next Row (WS): K2tog, k28 [42], sl1 wyif.

Row 1 (RS): Using C, kfb, k to last 3 sts, kfb, k1, sl2 wyif (last st and next selvedge st from SECTION 3).

Row 2 (WS): K2tog, k to last st, sl1 wyif.

Row 3 (RS): Using A, k to last 3 sts, kfb, k1, sl2 wyif (last st and next selvedge st from SECTION 3).

Row 4 (WS): K2tog, k to last st, sl1 wyif.

Repeat last 4 rows 13 [22] more times. 72 [113] sts. Break colors A & C.

>>>> SECTION 6 <<<<

Using B, kfb, k to last st, sl1 wyif. 73 [114] sts.

Next Row (WS): K to last st, sl1 wyif.

Row 1 (RS): K to 2 sts before end of row, turn to work WS.

Row 2 (WS): K to last st, sl1 wyif.

Row 3 (RS): Kfb, k to 2 sts before last turn, turn to work WS.

Row 4 (WS): K to last st, sl1 wyif.

Row 5 (RS): K to 2 sts before last turn, turn to work WS.

Row 6 (WS): K to last st, sl1 wyif.

Repeat last 4 rows 22 [35] more times. 96 [150] sts.

Next Row (RS): Kfb, k to last st while closing the short row gaps, sl1 wyif.

Next Row (WS): K to last st, sl1 wyif. Break yarn.

>>>> BORDER <<<<

Using D, k all live sts and pick up and k all selvedge sts around the shawl's perimeter. Begin by knitting all SECTION 6 sts, then pick up and *k2, m1 using the backwards loop CO method, repeat from * until you reach Section 2 live sts. K all SECTION 2 sts, pick up and k1 st into each selvedge st along SECTION 1 edge, k all SECTION 4 sts, pick up and k1 st into each selvedge st along SECTION 5 & 6 edge.

BO all sts using an I-cord BO as follows, CO 3 sts using the cable CO method, *k2, k2tog tbl, place 3 sts back onto left needle, repeat from * until all sts are bound off.

Weave in ends and block finished garment to smooth the fabric.

