



VERTICES UNITE

BY STEPHEN WEST

Vertices Unite is a geometric shawl that combines modular knitting and playful color combinations. Increases, decreases, and short rows form the simple shapes. Each section is picked up and knit from the last section or knit while simultaneously being attached to the previous sections. An I-cord border adds a crisp outline to the finished shawl. Grab a collection of five colors and choose the small or large size.



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Sizes: Small [Large]

Finished Measurements: 52 [100]"/ 132 [254]cm wingspan, 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 (gray/blue/green)

Skein Top Draw Socks (85% Merino Wool, 15% Nylon; 437yds / 400m per 100g skein)
Color A - Graphite (Dark Blue)
Malabrigo Sock (100% Merino Wool; 440yds / 402m per 100g skein)
Color B - Alcaucil (Dark Green)
Madelinetosh Tosh Merino Light (100% Merino Wool; 420yds / 384m per 115g skein)
Color C - Antler (White)
Color D - Dust Bowl (Gray)
Color E - Oak (Yellow Green)

Large Size (blue yellow)

West Wool Bicycle (100% South American Merino Wool; 191yds / 175m per 50g skein)
Color A - Enchanted (dark blue)
Color B - Sea Mist (light blue)
Color C - Bianca (yellow)
Color D - Chestnut (brown)
Color E - Dijon (gold)

Needles: US 4 / 3.5mm circular in 40" / 100cm length or size needed to obtain gauge.

Notions: Tapestry needle, waste yarn or a spare circular needle

Gauge: 24 sts & 48 rows = 4" / 10cm in garter stitch after blocking

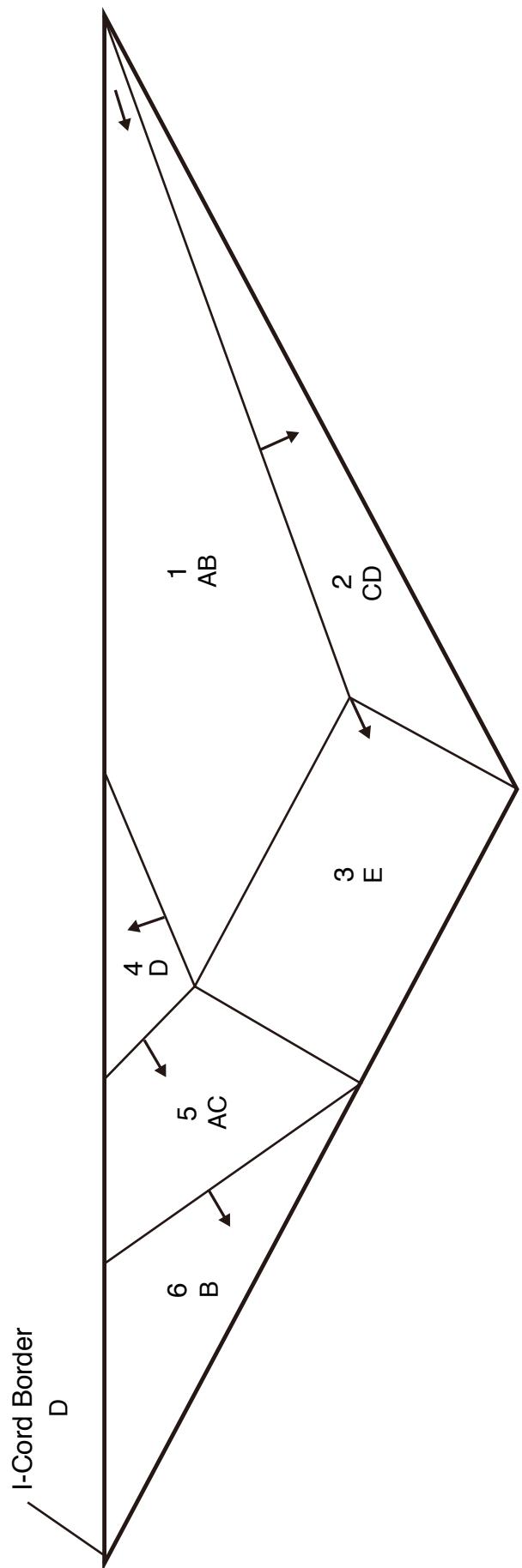


Abbreviations

BO: bind off
CO: cast on
k: knit
kfb: knit into front and back of stitch
k2tog: knit 2 sts together
m1: (make 1) increase 1 stitch using the backwards loop cast on method
RS: right side
sl: slip stitch purl-wise unless instructed otherwise
sk2p: slip first stitch knit-wise, knit the next 2 sts together, pass slipped stitch over
ssk: (slip slip knit) slip first stitch knit-wise, slip second stitch knitwise, knit those 2 sts together tbl
st(s): stitch(es)
tbl: through back loop
WS: wrong side
wyif: with yarn in front

Vertices Unite

Use this schematic illustration to help visualise the color placement and construction of the shawl. The numbers indicate each section. The letters indicate which colors are used in each section.



INSTRUCTIONS

SECTION 1

Using A, CO 2 sts. Carry yarn along the edge while striping colors.

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. Break color A.

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

Watch this Westknits video to assist with Section 3.

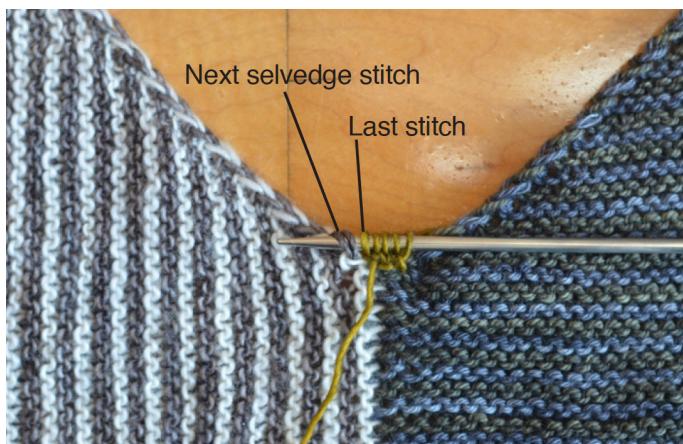
<https://youtu.be/3ZHGNQekWJl>

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). 6 sts.



Row 2 (WS): K2tog, k3, ssk (last st together with next selvedge st from SECTION 1). 5 sts.



Row 3 (RS): Sl1 wyif then place the yarn in back to knit, kfb twice, k1, sl2 wyif (last st & next selvedge stitch from SECTION 2). 8 sts.

Row 4 (WS): K2tog, k to last st, ssk (last st together with next selvedge st from SECTION 1). 7 sts.

Row 5 (RS): Sl1 wyif then place the yarn in back to knit, kfb, k to last 3 sts, kfb, k1, sl2 wyif (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. 3 sts.

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 k61 [89] 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 61 [89] sts onto waste yarn or a spare circular needle.

SECTION 5

Using A and with RS facing, 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.

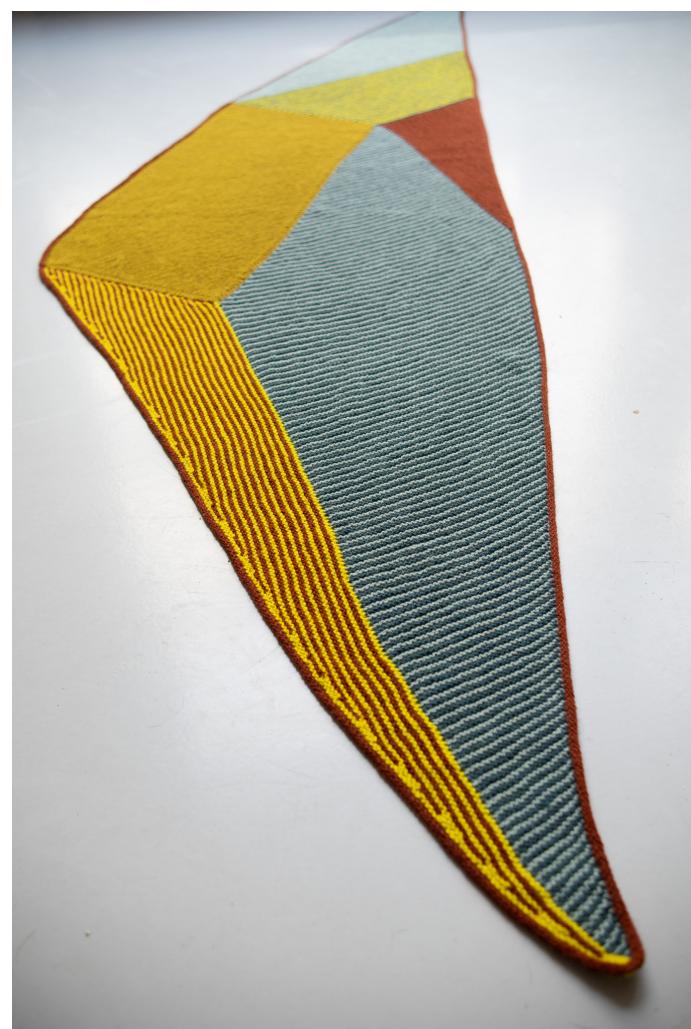
Row 5 (RS): K to 2 sts before last turn, turn to work WS.

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

Next Rnd is written over several lines to make it easier to read.

Next Rnd: 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.

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.

FINISHING

BO all sts using an I-cord BO. Watch this Westknits video to assist with the I-cord bind off.

<https://youtu.be/uuGAc-6RetY>

I-cord BO: Cast on 3 sts using the cable cast on method, *k2, k2tog tbl, sl3 sts onto left needle; repeat from * until all sts are bound off.

Weave in ends and wet block the finished shawl to smooth the fabric.

Watch this Westknits video to assist with weaving in the ends.

<https://youtu.be/33NkCgk27rQ>

Watch this Westknits video to assist with blocking your shawl.

<https://youtu.be/MfNFvwqaO5Y>

Small Size

