

Child's Gradiance Sock

Designed by Laura Lough for The Unique Sheep

Needles: US Size #3

Yarn: Foot Prints Gradiance Set

2-4yd (4-8yr) old child

Finished Sock Circumference: 5.5" (6.5") around to fit a foot 6" (7") around

Gauge: 7sts x 12 rows= 1"

*This sock pattern is for use with a [Gradiance Yarn Set](#) by The Unique Sheep. These yarn sets are dyed so that the colorway gradually transitions from one skein to the next. You can make these socks starting with Color 1 and finish with Color 4 at the toe, or vice versa. Make them both the same or make a fraternal pair! There will be enough of each color for a pair of socks if you change colors as directed and are on gauge. For this pattern, we will assume you are beginning with Color 1 at the cuff. Directions in **BLACK** are related to sock construction. Directions in **BLUE** concern Gradiance color transitions.*

Abbreviations

Ssk=slip next 2 st as if 2 knit then knit these 2 st together.

Pss0=pass the slip st over the following worked stitch

Leg

Cast on 40 (44) stitches with Color #1. Join into the round.

Work in 2x2 rib until (1.25") 1.75" from cast-on.

[Beginning alternating color changes](#) when 1.25" (1.75") inches from cast on, or approximately 1" less than half the desired length of the leg from cast on to the top of the heel.

[Alternate colors as follows while continuing in ribbed pattern; always work color transitions between needles #3 and #4 \(back of leg\):](#)

2 rounds Color #2

3 rounds Color #1

3 rounds Color #2

2 rounds Color #1

Continue in Color #2 only

Check each box off as you complete that color in the sequence to help you keep track.

Continue in 2x2 rib until 3" (4") from cast-on.

*****Begin second color change. The last 5 rounds will be worked AFTER the heel is complete.**

2 rounds Color #3

3 rounds Color #2 --- STOP for Heel; complete round in Color #3

Heel Flap

Turn work and purl across 20 (22) stitches (all stitches on Needles #4 and #3) and combine onto one needle. Heel flap is worked over these 20 (22) stitches, the remainder of your stitches will be set aside for now and returned to later.

Over 20 (22) Heel Stitches work back and forth as follows; [alternate Color #2 and #3 every purl row](#):

Row 1 (RS): *Sl 1, k1* repeat across heel sts, turn

Row 2 (WS): Sl1, purl across heel sts, turn

Repeat these two rows until 20 (22) rows have been worked, ending with a wrong side row.

Heel Turn

[Continue alternating Color #2 and #3 every purl row](#).

Set up 1: Knit across 12 (13) stitches, ssk,k1, turn

Set up 2: Sl 1, purl across 5 stitches, p2tog, p1, turn

Row 1: Sl1, knit until 1 stitch before gap, ssk, k1, turn

Row 2: Sl1, purl until 1 stitch before gap, p2tog, k1, turn

Repeat these two rows until one heel stitch remains on each side, ending with a purl row.

Row 1: Sl1, knit until 1 stitch before gap, ssk, turn

Row 2: Sl1, purl until 1 stitch before gap, p2tog, turn

12 (14) heel stitches remain.

Gusset

With whichever color you are currently using, knit across 6 (7) heel stitches. With free DPN work across remaining 6 (7) heel stitches. With same DPN (#4) pick up and knit 10 (11) stitches along heel flap. With needle #1 knit across 10 (11) instep stitches and with Needle #2 knit across remaining 10 (11) instep stitches. With Needle #3 pickup and knit 10 (11) stitches along heel flap and knit 6 (7) heel stitches. With Needle #4 knit to end of round.

[Complete color transition while AT THE SAME TIME working gusset decreases](#)

[□ □ □ 3 rounds Color #3](#)

[□ □ 2 rounds Color #2](#)

[Continue in Color #3 only](#)

- Round 1: Knit across Needles #1 and #2 (instep); on Needle #3 knit 1, SSK, knit until end of needle; on Needle #4 knit until last 3 stitches, k2tog, k1
- Round 2: Knit all stitches in stockinette

Repeat these two rounds until (40)44sts remain.

Foot

Continue working even in stockinette until 2.5“(3”) inches from back of heel.

Begin final color change

□ □ 2 rounds Color #4

□ □ □ 3 rounds Color #3

□ □ □ 3 rounds Color #4

□ □ 2 rounds Color #3

Continue in Color #4 only

Work even in stockinette until 4.5” (5.5”) from back of heel or 1.25” (1.5”) less than desired foot length

Toe

- Round 1:
 - Needle #1: k1, ssk, knit to end
 - Needle #2: knit to last three stitches, k2tog, k1
 - Needle #3: k1, ssk, knit to end
 - Needle #4: knit to last three stitches, k2tog, k1
- Round 2: Knit.

Repeat these two rounds until 20 (24)sts remain

Work Round 1 only until 12 sts remain. Slip stitches from Needle #1 & #2 onto same needle and stitches from Needle #3 and #4 onto another needle. Graft stitches together using Kitchener stitch.



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