## Knitted Scherk Surface

MATERIALS
Yarn
$\sim 25 \mathrm{~g}$ of dk or worsted weight in one color (color A) separated into two balls
$\sim 25 \mathrm{~g}$ of dk or worsted weight in another color (color B) separated into two balls
Recommended needle size

Two pairs US \#8/5.0mm straight single pointed needles
GAUGE
$20 \mathrm{sts} / 34$ rows $=4$ " in garter stitch (but the gauge is not super important)

## PATTERN NOTES

k: knit
m 1 : make 1
(all the yarn overs are knitted through the back loop in the next row)

## DIRECTIONS

## Set up:

With first ball of Color A, cast on 30 stitches with the first pair of needles (bamboo needles in the pictures below).

With second ball of Color A, cast on 30 stitches with the second pair of needles (metal needles in the pics below).

## Part 1 (to be worked on each pair of needles):

Row 1: k all st.
Row 2: k all st.
Row 3: k all st.
Row 4: k13, m1, k17 (31 stitches)
Row 5: k all st.
Row 6: k17, m1, k14 (32 stitches)
Row 7: k16, m1, k16 (33 stitches)
Row 8: k16, m1, k1, m1, k16 (35 stitches)
Row 9: k16, m1, k1, m1, k1, m1, k17 (38 stitches total)
Row 10 (first half): k19 then stop.

## Set aside, do NOT cut yarn

Let's give numbers to the needles:
Needle 1 has 19 sts knitted stitches of row 10
Needle 2 has 19 sts that has the second half of row 10 (not knitted yet)
Needle 3 has 19 sts knitted stitches of row 10
Needle 4 has 19 sts that has the second half of row 10 (not knitted yet)

## End of Part 1.

## Part 2 (Parting-ways):

If you are right handed, take needle 1 in your right hand, and needle 4 in your left hand, with needles 2 and 3 (and their stitches) toward the front. Knit the rest of needle 4 stitches onto needle 1. (Note: make sure you 'capture' the other yarn by passing your working tail under and over the other yarn so as to avoid a hole)

Here are some pictures that may make the procedure easier to understand. (I used yarns of different colors so that the picture is more clear but do not change yarn color! I will be knitting with the red yarn)


Needle 3
Needle 4
(19 sts with white yarn)
Needle 2
Needle 1
(19 sts with red yarn)
Needles 3 and 4 are metal
Needles 2 and 1 are bamboo


With the yarn from the needle 1 , start knitting the stitches on needle 4 . Note that the other yarn is 'taken in' between two of the stitches. I am knitting from needle 4 which is hidden between the thumb and index of my left hand.


Keep knitting stitches from needle 4 onto needle 1.

Row 10 is done!

## End of Part 2.

## Part 3:

Knit back and forth on needle 1 and 4 following the instructions below - needles 2 and 3 are just hanging around:

Row 11: k16, k2tog, k2tog, k2tog, k16 (35 stitches)
Row 12: k15, k2tog, k1, k2tog, k15 (33 stitches)
Row 13: k16, k2tog, k15 (32 stitches)
Row 14: k17, k2tog, k13 (31 stitches)
Row 15: k all st.
Row 16: k12, k2tog, k17
Row 17: k all st.
Row 18: k all st.
Row 19: k all st.
Set aside
Take up needles 2 and 3 . Finish row 10 by knitting the remaining stitches from needle 2 onto needle 3 . Knit rows 11-19.

Repeat parts 1, 2, and 3 alternating colors until desired length.
Bind off all stitches and weave in loose ends.

