

# Double-knit Topologist's Hat

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## Abbreviations

**CC** contrast colour.

**MC** main colour.

**k** knit.

**p** purl.

**st(s)** stitch(es).


**DK** double-knit (k1 p1 in opposite colours, first stitch will be specified).

**k2tog** knit two sts together.

## Getting Started

Throughout, MC will refer to white, CC to grey (in diagrams). Using waste yarn, make a provisional cast-on, for 84 sts. Using MC, k 2 rounds. Change to CC, and k 2 rounds. Pull out provisional and rearrange stitches so that the first (where the yarn tail is currently) is in CC, and they alternate thereafter. DK 1 row in CC. Should end with CC (white) facing. For more information on a double-knit cast-on in the round, check <http://www.ms.unimelb.edu.au/paul/knitting.html>.

## Pattern

Work pattern where a white square is DK 1 MC (i.e. k 1 red, p 1 grey) and a black square is DK 1 CC (i.e. k 1 grey, p 1 red). Also, a decrease (indicated on the pattern by ) is knit as follows: rearrange sts so that there are two front sts, followed by 2 back sts. Then k2tog, slip 2 sts (knitwise) separately, place back on left needle and p2tog through back loop (this is less complicated than it sounds, I hope to add pictures at some stage to <http://www.ms.unimelb.edu.au/paul/knitting.html>; it should look like a k2tog on the front, and a ssk on the back).

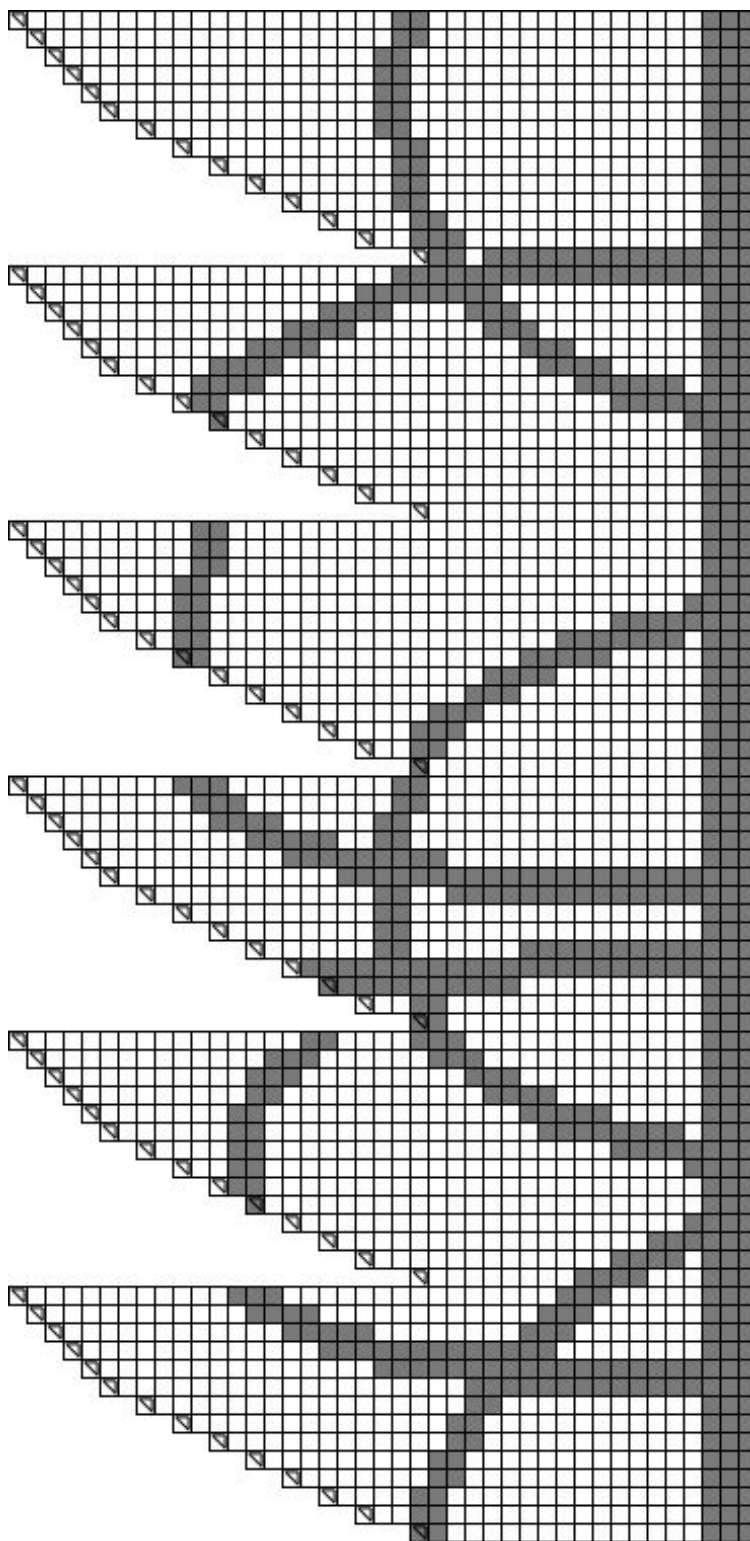


Figure 1: DK Hat Pattern.

## Finishing

Using CC, kitchener stitch closed the inside of the hat, and weave in the end (there are 6 stitches remaining, simply close along a short edge). Then kitchener closed the outside with MC, weave in the end to the inside, and hat is complete.