

HAT FOR SCIENCE

by [Kim Werker](#)

Sizing

To fit: Adult medium/large.

Finished brim circumference: 22"

To make the hat smaller or larger, work fewer or more increase rounds before working even (and adjust the number of work-even rounds). If you'd like to learn more about sizing hats of all sorts, you'll enjoy my class,

Crochet in the Round: Basics & Beyond!

Materials

Yarn: Worsted weight, about 75 yards colour A and 85 yards colour B. **Shown here in:** Cascade 220 (100% Peruvian Highland Wool; 220 yards [200 m] per 3.5 oz.) [100 g], 9452 Summer Sky Heather (blue; A) and 2429 Irelands (green; B).

Hook: 5.5mm (US I/9).

Notions: Removable stitch marker

Gauge

14 sts and 9 rows = 4" (10 cm) in alternating rounds of dc and hdc.



Science! It's the best. And it's important. And it's under threat. So when I started thinking about what to make to promote the importance of science – and funding for it, understanding of it, decision-making based on it – I immediately decided on a hat (duh), and that I'd feature a spiral.

Spirals appear throughout our natural world, and they're super fun to make in crochet. Also, starting a project in the round using a spiral makes for a nifty way to make stripes (without loads of ends to weave in).

Whether you want to wear a conversation starter so you can engage with people about the importance of supporting scientific inquiry and understanding, or you're participating in a March for Science, or you just want a cool hat, start with a spiral and off you go!



Notes

Hat is designed to have each colour worked in a different stitch (A in dc, B in hdc), so that one colour is slightly more dominant than the other. Choose whether you're, say, more inclined to advocate for land-related science (green) versus water-related science (blue), and make that colour your dominant colour A. The other will be colour B. (Obviously, you can make this hat in any colours you want, not only in blue and green!)

Abbreviations

A = colour A (shown here in blue)

B = colour B (shown here in green)

ch = chain

dc = double crochet

hdc = half double crochet

rep = repeat

sc = single crochet

sl st = slip stitch

tch = turning chain

About the Designer

Kim Werker is like a camp counsellor for grown-ups, helping people have way more fun making stuff and getting in touch with their creativity. She teaches crochet at [Craftsy](#) and hosts her own [online classes](#). Her latest book is [Make It Mighty Ugly](#). Follow along with her creative adventures on her [blog](#), [Instagram](#), [Facebook](#), [Twitter](#), [YouTube](#) and [Pinterest](#)!

You will **not** join each round at the end, but rather work in a continuing spiral.

Use a removable stitch marker to indicate the final stitch of the round; move the marker up as you go.

Pattern

With A, begin with an [adjustable ring](#).

Round 1: Insert hook in ring and pull up a loop, ch 1, work (2 sc, 2 hdc, 2 dc) in centre of ring, remove hook from A (pull the loop long to prevent unraveling); leaving a 6" tail, join colour B by pulling up a loop, ch 1, work (3 sc, 3 hdc) in centre of ring, place marker in stitch just made (this is the last stitch of the round) – 12 stitches total.

Round 2: Continuing with B, [2 hdc in next stitch] 6 times, remove hook and reinsert in loop of A; with A, [2 dc in next stitch] 6 times – 24 stitches. (**Note** that a pattern has been set up: You will always work B into A, and A into B.)

Round 3: Continuing with A, [dc in next stitch, 2 dc in next stitch] 6 times; remove hook and reinsert in loop of B; with B, [hdc in next stitch, 2 hdc in next stitch] 6 times – 36 stitches.

Round 4: Continuing with B, [hdc in next 2 stitches, 2 hdc in next stitch] 6 times; with A, [dc in next 2 stitches, 2 dc in next stitch] 6 times – 48 stitches.

Round 5: Continuing with A, [dc in next 3 stitches, 2 dc in next stitch] 6 times; with B, [hdc in next 3 stitches, 2 hdc in next stitch] 6 times – 60 stitches.

Round 6: Continuing with B, [hdc in next 4 stitches, 2 hdc in next stitch] 6 times; with A, [dc in next 4 stitches, 2 dc in next stitch] 6 times – 72 stitches.

Work Even

Continue in colour pattern as established, without increasing, as follows:

Round 7: Continuing with A, dc in next 36 stitches; with B, hdc in next 36 stitches.

Rounds 8-16: Continue to work even without increasing, working A stitches into colour B and B stitches into colour A.

Brim

Round 17(ish): (This is really a half round, for reasons that will become clear.) Continuing with A, dc in next 27 stitches, hdc in next 3 stitches, sc in next 3 stitches, sl st in next 3 stitches, fasten off A, move marker to final sl st (this will be the new “end” of the round).

Rounds 18-20: Continuing with B, sc all the way around (do not join your rounds); at the end of Round 20, sl st in the next 2 stitches, fasten off.

Weave in loose ends.

