

Freeform Necklace

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Pattern & Design Winner of WI & UKHKA Stylish Stitches Competition

Difficulty Level



Materials

YARN

Patons 4ply cotton (Shade Kiwi)

1 x 50g ball

Patons 4ply cotton (Shade moss)

1 x 50g ball

NEEDLES & EXTRAS

2.0 mm crochet hook

Small amount of polyfil (polyester fire retardant stuffing)

TERMS

UK terminology

yrh = yarn round hook

Instructions

HYPERBOLIC MOTIF

(based on the mathematical works of Daina Taimina ref: www.theiff.org)

Make 3 : x 2 in Kiwi, x 1 in moss

To start

Using magic ring technique , 2ch and then 8 htr into ring, slip st to first st.

Round 1: 2ch (counts as first htr), htr into next ch below, 2htr into each and every next st until you reach the end of the round. Slip st to first st (18 st in total)

Round 2: 2ch, htr into same st, 2htr into each and every next st until you reach the end of the round. Slip st to first st (36 st in total)

Round 3 - 6: 2ch, htr into same st, 2htr into each and every next st until you reach the end of the round. Slip st to first st (72 st in total). Continue like this for 3 further rounds (6 in total) and fasten off and sew in ends.

CROCHET BEADS

Make 7 : x4 in Kiwi, x 3 in Moss

To start

Using magic ring technique, 2ch and then 6 htr into ring, slip st into first st

Round 1: 2ch (counts as first htr), 2htr into next st, and then htr into next st - repeat 2 further times, 2htr, slip st to beg of round

Round 2: 2ch, (counts as first htr), 2 htr into next st, htr - repeat 4 further times , 2htr , slip st to beg of round

Round 4: 2ch, (counts as first htr) , 2htr into next st, htr- repeat 7 further times, 2htr, slip st to beg of round

Round 5 & 6 : 2ch, 26 htr into each st, slip st to first st

Round 7: 2ch, 2 htr tog and then htr in next st - repeat 8 times in total , 2htr tog slip st to beg



Round 8:2ch, htr into each and every st, slip st to beg of round

Round 9: 2ch, 2htr tog – repeat 7 further times , htr, fasten off leaving long tail

To Finish

Thread through the stitches , stuff with polyfil and draw together, sew in ends.

BULLION ROUND EMBELLISHMENTS

Make 7 : x 2 in Kiwi, x 4 in Moss

To start

ch 4, slip st to beginning to make a round.

Round 1: 2ch (counts as first htr), 7 bullion stitches into the ring, Slip st to beg of ring and fasten off leaving a long tail in order to sew.

Bullion stitch for this project as follows

yoh 10 times, draw yarn through centre of ring, 11 stitches on hook and then yrh and then through the 12 st on the hook, yrh and draw through remaining st on hook).

TO ASSEMBLE NECKLACE

1. Sew in all loose ends on beads and hyperbolic motifs
2. Sew bullion round embellishments to centre of hyperbolic motifs back and front - Moss embellishment to Kiwi motif and Kiwi embellishment to Moss motif
3. Arrange beads and hyperbolic motifs as in Fig 1below:

