



## 3D Urchin for a Coral Reef

Size: 5.5" wide x 3" high (14cm wide x 7.5cm high)

Worked in a spiral. Do not join rounds.

### Stitch Abbreviations

#### US

<b>St(s)</b>	= stitch or stitches
<b>Sl.st.</b>	= slip stitch
<b>Ch</b>	= chain stitch
<b>Sc</b>	= single crochet
<b>Dc</b>	= double crochet
<b>Hdc</b>	= half double crochet
<b>Sc.dec</b>	= single crochet decrease
<b>Yo</b>	= yarn over
<b>BLO</b>	= back loop only

#### UK in square brackets [ ]

<b>st(s)</b>	= stitch or stitches
<b>sl.st.</b>	= slip stitch
<b>ch</b>	= chain stitch
<b>dc</b>	= double crochet
<b>tr</b>	= treble crochet
<b>htr</b>	= half treble crochet
<b>dc.dec</b>	= double crochet decrease
<b>yo</b>	= yarn over
<b>BLO</b>	= back loop only

### Special stitches:

**Sc.dec** [**dc.dec**] = Insert hook into the stitch, yarn over and pull loop through st, insert hook into next st, yo and pull loop through st, (3 loops on hook), yo and pull loop through all 3 loops on hook. One decrease made.

I used 4ply yarn & a 4.00mm hook for the body, and a 3.5mm hook for the 'frill'

One place marker is needed to keep track of the rounds.

## Instructions

Ch4, join with sl.st. to make a ring (or use magic ring).

Round 1 – 10sc [10dc] into ring (DO NOT JOIN RING).



Round 2 – BLO 2sc [2dc] in every st around, place marker in last stitch. *(I have temporarily misplaced my stitch markers so I've uses a short scrap of yarn).*



Round 3 – BLO \*2hdc [2htr] in next st, 1hdc [1htr] in next st.\*\* repeat from \* to \*\* around, place marker on last stitch.



Round 4 – BLO \*2dc [2tr] in next st., 1dc [1tr] in each of next 2 sts.\*\* repeat from \* to \*\* around, place marker on last stitch.



Round 5 – BLO \*2dc [2tr] in next st., 1dc [1tr] in each of next 4 sts.\*\* repeat from \* to \*\* around, place marker on last stitch.



Round 6 – BLO 1dc [1tr] in every st around, place marker on last stitch.



Round 7 – repeat round 6, place marker on last stitch. (*Inside of body shown on photo as it starts to curl up*)



Round 8 – BLO, **1hdc** [1htr] in each of next 2 sts., **1sc** [1dc] in each of the remaining sts around, place marker on last stitch.



Round 9 – (not in back loop from now on) \***1sc.dec** [1dc.dec], **1sc** [1dc] in each of next 5 sts.\*\* , repeat from \*to\*\* around, place marker on last stitch.



Round 10 - \*1sc.dec [1dc.dec], 1sc [1dc] in each of next 3 sts.\*\* , repeat from \*to\*\* around.



Round 11 – repeat round 10.



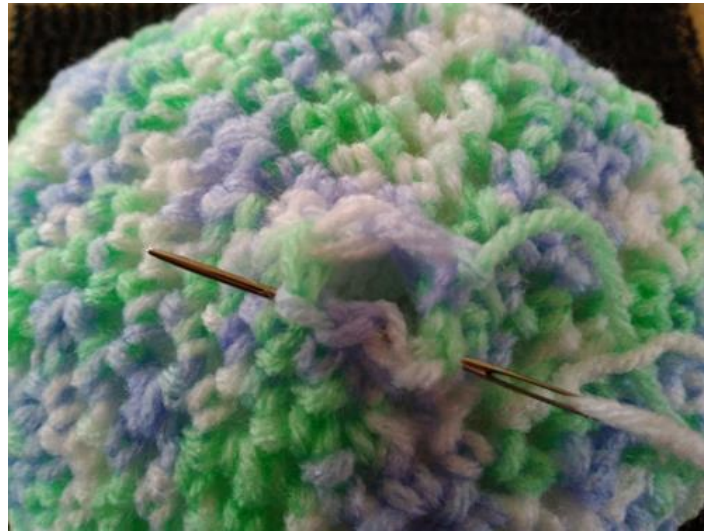
NOTE – Now is a good time to stuff the ball. I used off-cuts of towelling from another project, but you can use any stuffing material that you wish. Fabric and/or yarn scraps could also be used, as well as Denim or old cut up blankets.



Round 12 – (a non-stop spiral to close) \*1sc.dec [1dc.dec], 1sc [1dc] in each of next 3 sts\*\*, repeat \*to\*\* until there are only 6 or 7 stitches left.

Leave a 6" tail, cut yarn, thread onto darning needle and weave in and out of the last stitches, pull tight to close hole.

This is the bottom of the urchin.



## The Frill

Working from the top centre and into every exposed Front Loop on the urchin, make **3 or 4sc** [**3 or 4dc**] into every loop.



The number of stitches needed will vary depending on the thickness of the yarn/thread or how much of the urchin body that you want to show through.



I made **3sc** [**3dc**] in each stitch of the 1<sup>st</sup> 2 rounds, and then stitched **4sc** [**4dc**] in each stitch on the other rounds to the end. (*Following photo is the bottom of the urchin*)





## 3D URCHIN for Coral Reef

Ch4, join with sl.st. to make a ring (or use magic ring).

Round 1 – **10sc** [10dc] into ring (DO NOT JOIN RING).

Round 2 – BLO **2sc** [2dc] in every st around, place marker.

Round 3 – BLO **\*2hdc** [2htr] in next st, **1hdc** [1htr] in next st.\*\* , repeat from \* to \*\* around, place marker on last stitch.

Round 4 – BLO **\*2dc** [2tr] in next st, **1dc** [1tr] in each of next 2 sts.\*\* , repeat from \* to \*\* around, place marker on last stitch.

Round 5 – BLO **\*2dc** [2tr] in next st., **1dc** [1tr] in each of next 4 sts.\*\* , repeat from \* to \*\* around, place marker on last stitch.

Round 6 – BLO **1dc** [1tr] in every st around, place marker on last stitch.

Round 7 – repeat round 6, place marker on last stitch.

Round 8 – BLO, **1hdc** [1htr] in each of next 2 sts., **1sc** [1dc] in each of the remaining sts around, place marker on last stitch.

Round 9 – (not in back loop from now on) **\*1sc.dec** [1dc.dec], **1sc** [1dc] in each of next 5 sts.\*\* , repeat from \*to\*\* around, place marker on last stitch.

Round 10 - **\*1sc.dec** [1dc.dec], **1sc** [1dc] in each of next 3 sts.\*\* , repeat from \*to\*\* around.

Round 11 – repeat round 10.

NOTE – Now is a good time to stuff the ball. I used off-cuts of towelling from another project, but you can use any stuffing material that you wish. Fabric and/or yarn scraps could also be used, as well as Denim or old cut up blankets.

Round 12 – (a non-stop spiral to close) **\*1sc.dec** [1dc.dec], **1sc** [1dc] in each of next 3 sts\*\* , repeat \*to\*\* until there are only 6 or 7 stitches left.

Leave a 6” tail, cut yarn, thread onto darning needle and weave in and out of the last stitches, pull tight to close hole.

### The Frill – change yarn (*and hook size if necessary*)

Working from the top centre and into every exposed Front Loop on the urchin, make **3 or 4sc** [3 or 4dc] into every loop.

The number of stitches needed will vary depending on the thickness of the yarn/thread or how much of the urchin body that you want to show through.

I made **3sc** [3dc] in each stitch of the 1<sup>st</sup> 2 rounds, and then stitched **4sc** [4dc] in each stitch on the other rounds to the end.

