

Crocheted Starship Enterprise

by **ChrysN** on February 15, 2011

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Author: ChrysN

I like sewing and crafts, I also like challenging myself by trying new things. I'm vegetarian and always looking for new recipes. My cat's name is Mirko and likes to be in the centre of things, so you will see him in several of my instructables.

Intro: Crocheted Starship Enterprise

To boldly go where no ball of yarn has gone before.....

Here is my crocheted starship Enterprise, it is based on the Constitution class vessel (NCC-1701) seen in the original series. I have to admit that I'm more of a Next Generation and Voyager fan but the original Enterprise is most recognizable (and easier to make).

I used three colours of yarn and some red and black embroidery thread for detailing plus some wire to provide support for the saucer section and warp nacelles.



Image Notes

1. The background image is on my computer screen. It is a picture from the Hubble telescope found here: <http://hubblesite.org/gallery/>.



Step 1: Materials and Tools

- Grey, red and white yarn
- Black and red embroidery thread
- Crochet hook (2.5mm)
- Stitch marker
- Thread (grey) and needle
- Wire
- Stuffing

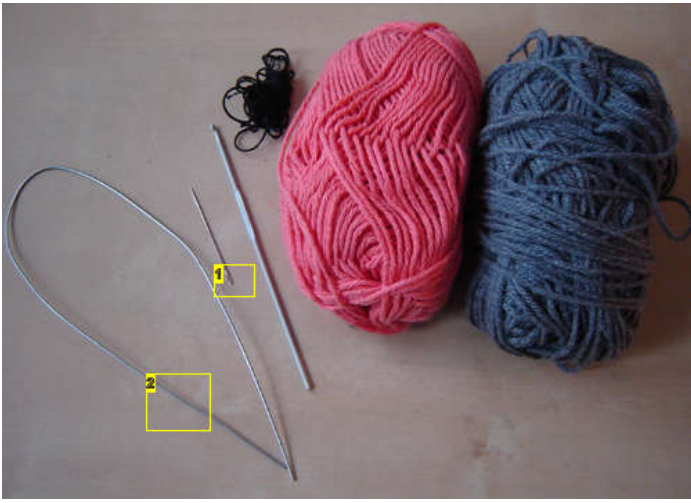


Image Notes

- 1. Needle for embroidery thread.
- 2. Wire, I ended up using two pieces



Image Notes

- 1. More embroidery thread
- 2. White yarn too.
- 3. Stuffing

Step 2: Make It So: The Saucer Section (Primary Hull)

Make two large circles in grey thread, use a stitch marker to keep track of your rounds, number in brackets is the the number of stitches in each round.

- R1: Ch2, 6sc in second Ch from hook and sl st into first stitch (6)
- R2: Ch1, 2sc in each Sc, sl st into first stitch (12)
- R3: Ch1, sc in next st, 2sc in next st; repeat, sl st into first stitch (18)
- R4: Ch1, sc in next 2st, 2sc in next st; repeat, sl st into first stitch (24)
- R5: Ch1, sc in next 3st, 2sc in next st; repeat, sl st into first stitch (30)
- R6: Ch1, sc in next 4st, 2sc in next st; repeat, sl st into first stitch (36)
- R7: Ch1, sc in next 5st, 2sc in next st; repeat, sl st into first stitch (42)
- R8: Ch1, sc in next 6st, 2sc in next st; repeat, sl st into first stitch (48)

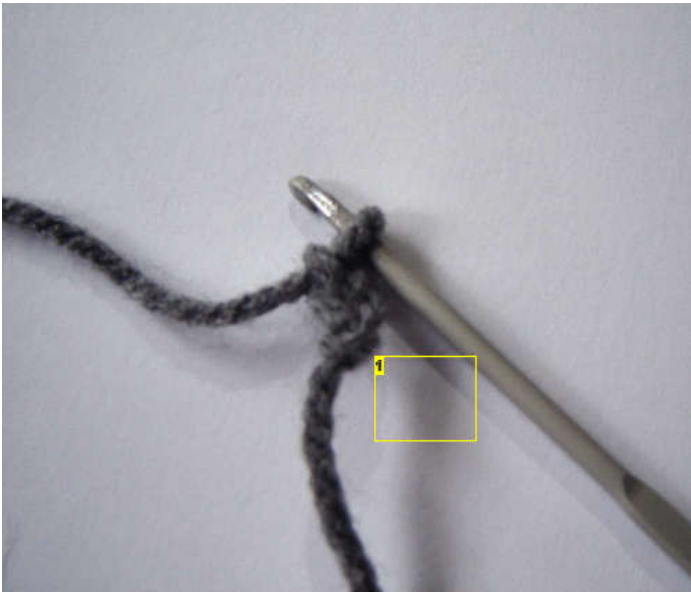


Image Notes

- 1. Ch2

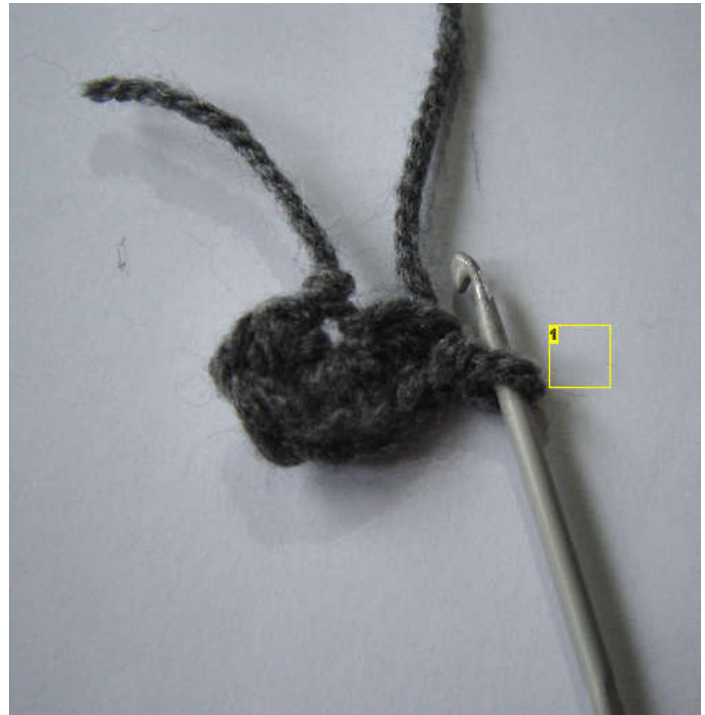


Image Notes

- 1. Sc6 into first chain

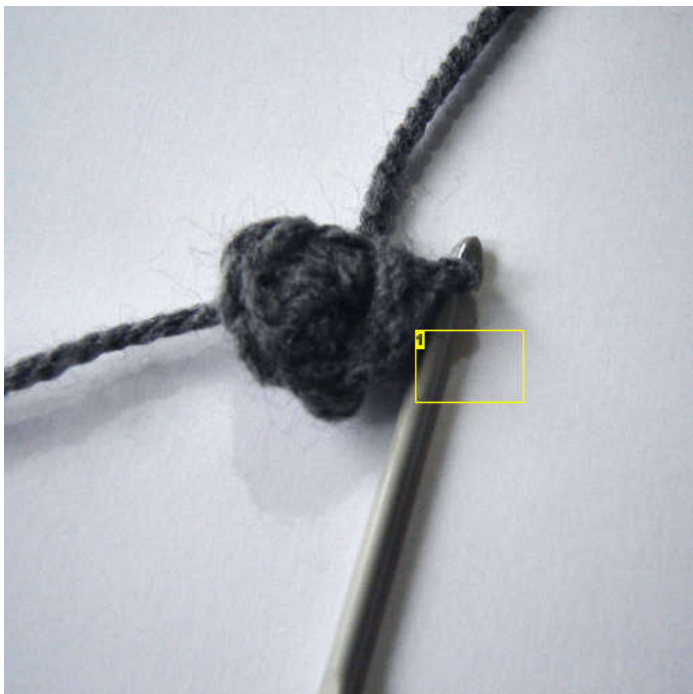


Image Notes
1. Sl st in to first st.

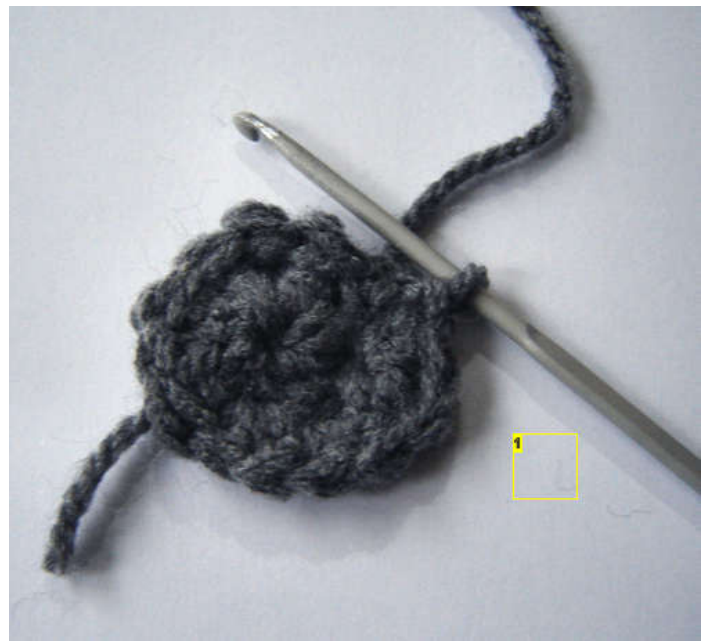


Image Notes
1. Round2



Image Notes
1. After R8



Image Notes
1. You will need to make two.

Step 3: Secondary Hull

At the front of the hull is the navigational deflector, which is a redish-gold coloured dish. I used red thread for this part, the rest of the hull is grey.

In red

R1: Ch2, 6sc in second Ch from hook and sl st into first stitch (6)

R2: 2sc in each Sc (12)

Switch to grey thread

R3: Sc in next st, 2sc in next st; repeat, (18)

R4-R5: Sc in each sc (18)

R6: Sc in next 4, sc2tog in next st; repeat (15)

R7-R8: Sc in each sc (15)

R9: Sc in next 3, sc2tog in next st; repeat (12)

R10: Sc in next st, sc2tog in next st, repeat (6)

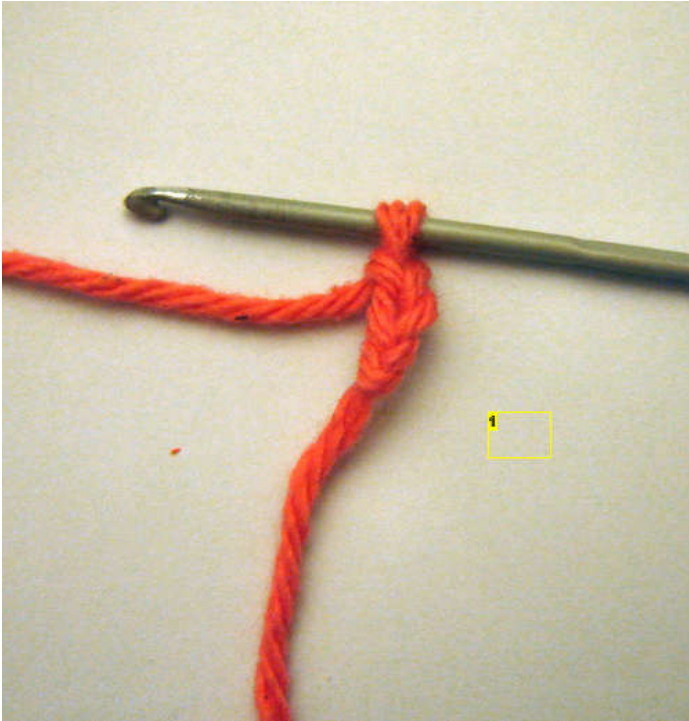


Image Notes

1. 2CH



Image Notes

1. 6sc and sl st into first st.



Image Notes
1. 12sc



Image Notes
1. Change to grey thread

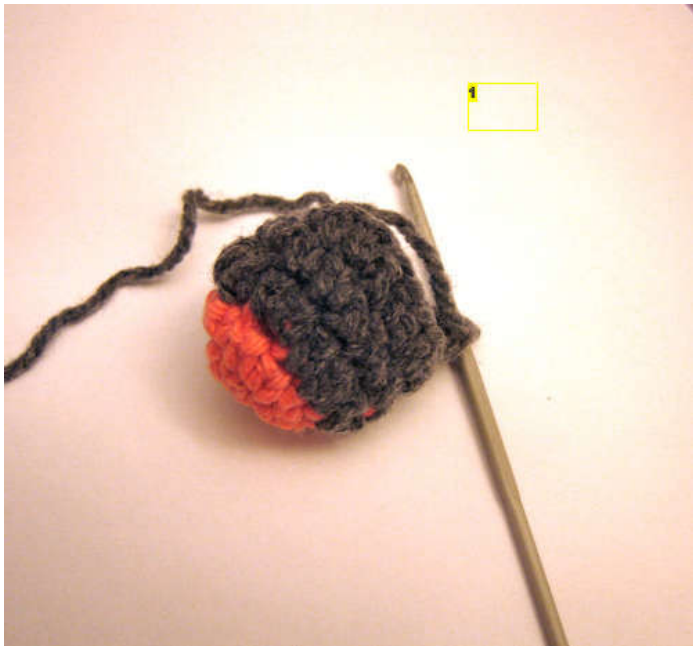


Image Notes
1. R5



Image Notes
1. Finished

Step 4: Warp Nacelles

At the front of each of the warp nacelles(those engine things) are matter collectors which appear red, the rest of the nacelles are grey. Make two.

In red

R1: Ch2, 6sc in second Ch from hook and sl st into first stitch (6)

R2: 2sc in each Sc (12)

Switch to grey thread

R3-17: Sc in each sc (12)

R18: Sc in next st, sc2tog in next st, repeat (6)

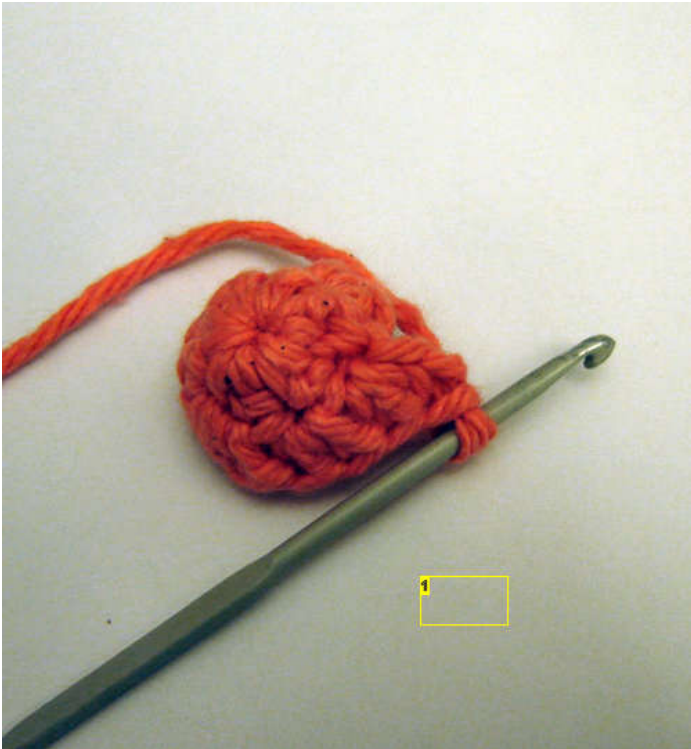


Image Notes

1. Up to R2 in red



Image Notes

1. Change to grey for rest.



Image Notes

1. You will need two.

Step 5: Connecting Dorsal and Warp Nacelle Support Pylons

I had to do a fair bit of searching on the internet to find the name of these parts. The connecting dorsal connects the 1^o and 2^o hulls and the pylons connect the nacelles to the secondary hull. These are all in grey. You will need two pylons.

Connecting Dorsal

R1: Ch12

R2: Sc in each sc (12)

R3: Sc in next st, 2sc in next st; repeat, (18)

Warp Nacelle Support Pylons

R1: Ch2, 4sc in second Ch from hook and sl st into first stitch (4)

R2-6: Sc in each sc (4)

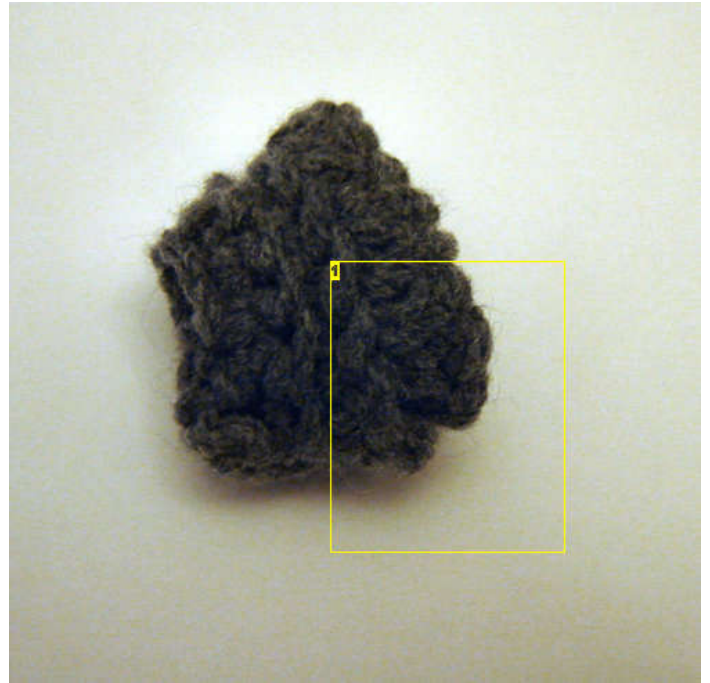


Image Notes

1. Connecting dorsal.

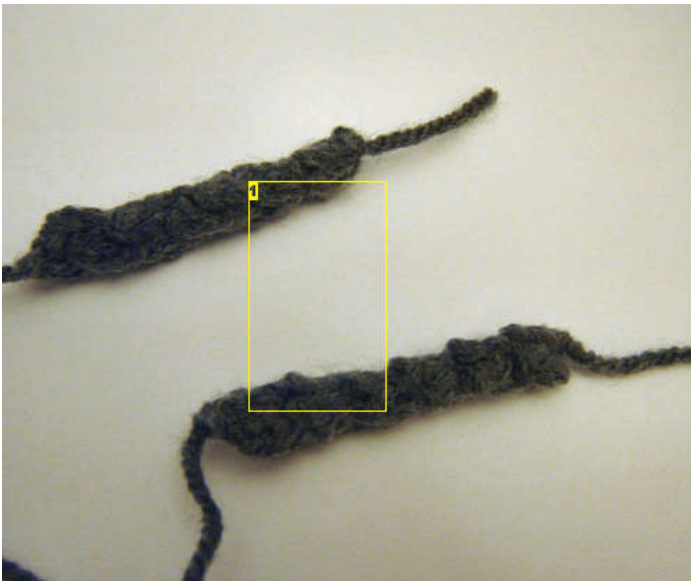


Image Notes

1. Pylons.

Step 6: Bridge and Navigational Domes

At the top centre of the saucer sits the bridge which I did in grey with the upper navigational dome (in white) at the centre. The lower navigational dome (white) is on the bottom centre of the saucer.

Navigational Domes

In white

R1: Ch2, 6sc in second Ch from hook and sl st into first stitch (6)

R2: Ch1, 2sc in each Sc, sl st into first stitch (12)

Make two

Bridge

In grey

R1: Ch2, 6sc in second Ch from hook and sl st into first stitch (6)

R2: Ch1, 2sc in each Sc, sl st into first stitch (12)

R3: Ch1, sc in next st, 2sc in next st; repeat, sl st into first stitch (18)

R4: Sc in next 3

R5: Ch1, turn and sc in next 7

Sew one of the domes to the centre of the bridge and then sew the bridge onto the centre of one of the saucer pieces.
Sew the other dome onto the centre of the other saucer piece.

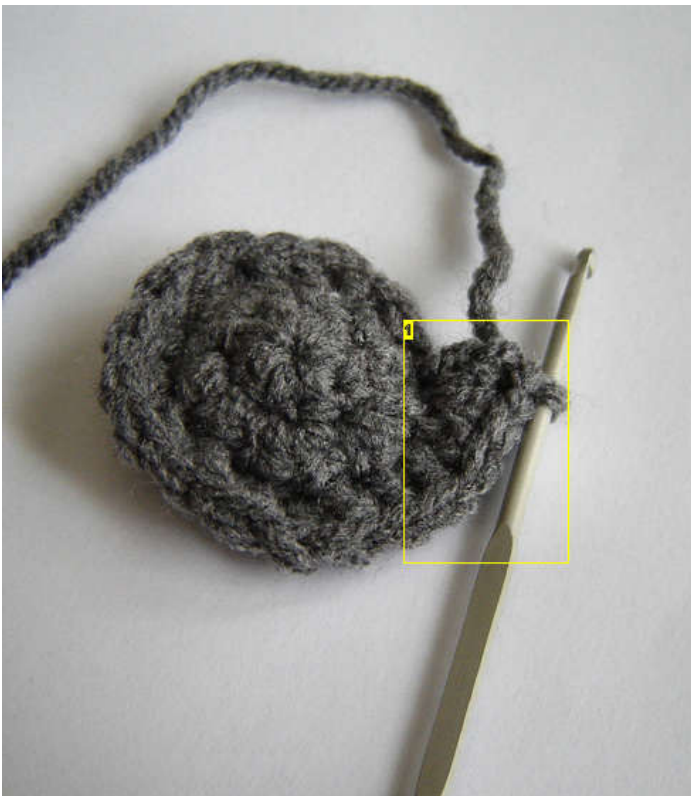


Image Notes

1. Sc in next 3 then ch 1 turn and sc in 7 to make the squarish end of the bridge.

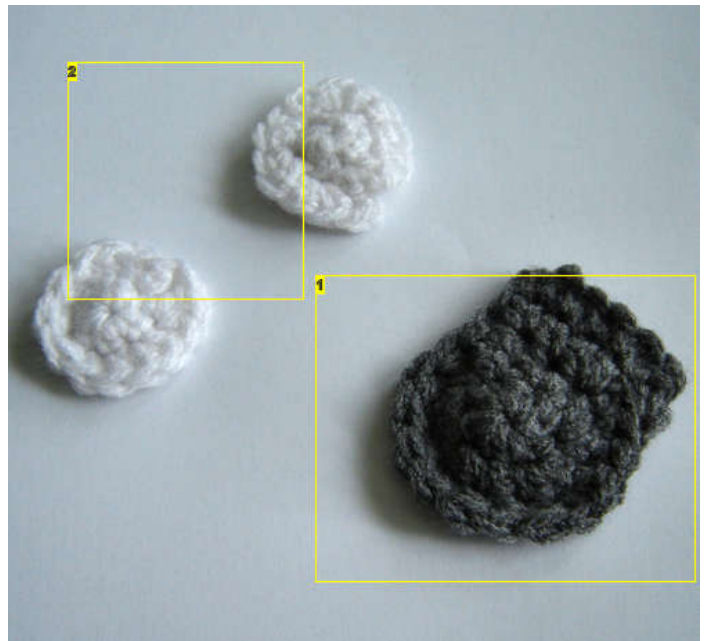


Image Notes

1. Bridge.
2. Navigational domes.

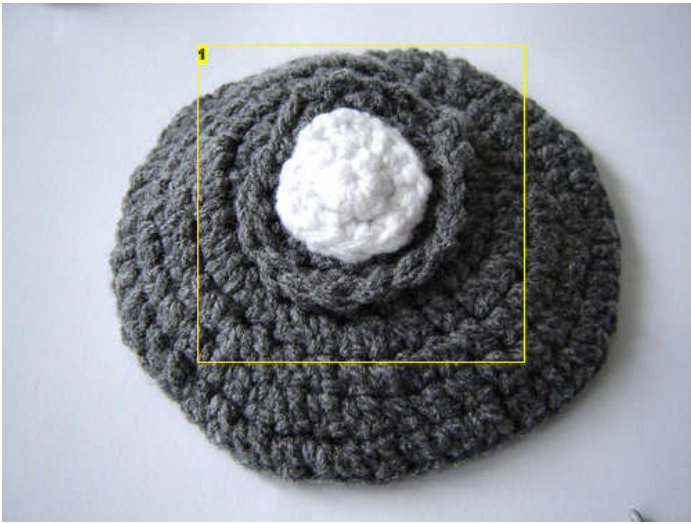


Image Notes

1. Sew dome to bridge and bridge to saucer.



Image Notes

1. Sew other dome to other saucer piece.

Step 7: Ship Registry Number and other detailing

With black embroidery floss I stitched the ship registry number (NCC-1701) at the front of the saucer section. With red floss I added stripes on the sides of the secondary hull and on the outer side of each nacelle.



Image Notes

1. Stitch number with embroidery thread.



Image Notes

1. NCC-1701

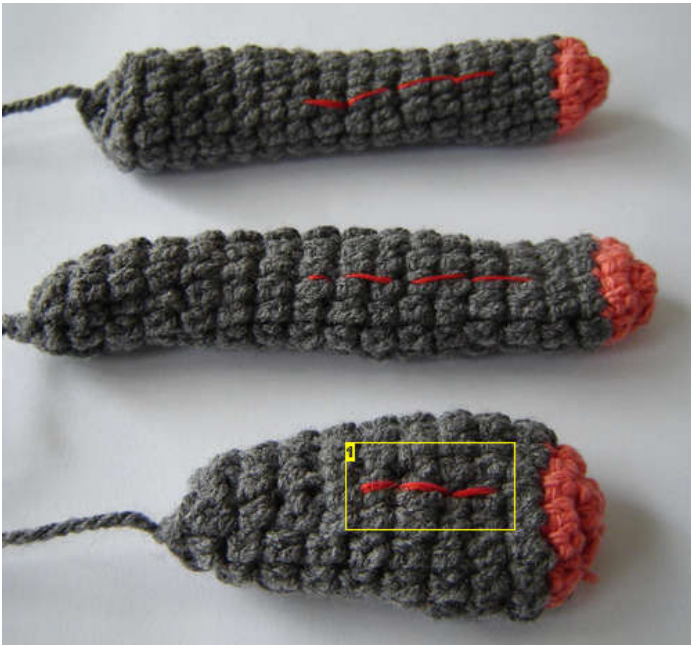


Image Notes

1. Racing stripes, I believe they are purely decorative.

Step 8: Head to Spacedock for assembly

I just used regular thread to sew together the pieces rather than yarn.

- Sew the smaller end of the connecting dorsal to the front part of the hull, the dorsal should be flat (rather than stretched out into a circle).
- Sew the larger end of the connecting dorsal to the edge (see image below) of the lower saucer piece.
- Sew each of the pylons to the hull, they should be angled roughly 90° to each other and situated near the back of the hull..
- Sew each pylons to each a nacelle, attach near the front of the nacelle (see image below for positioning)

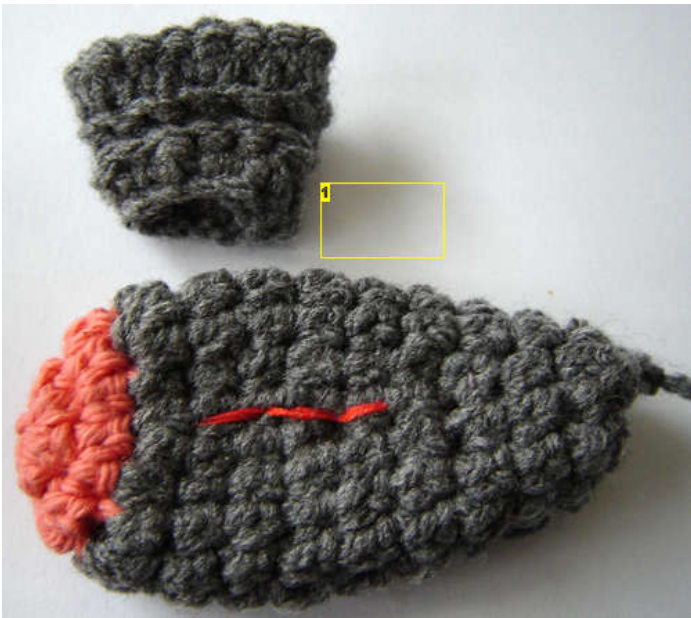


Image Notes

1. Attach dorsal to secondary hull.

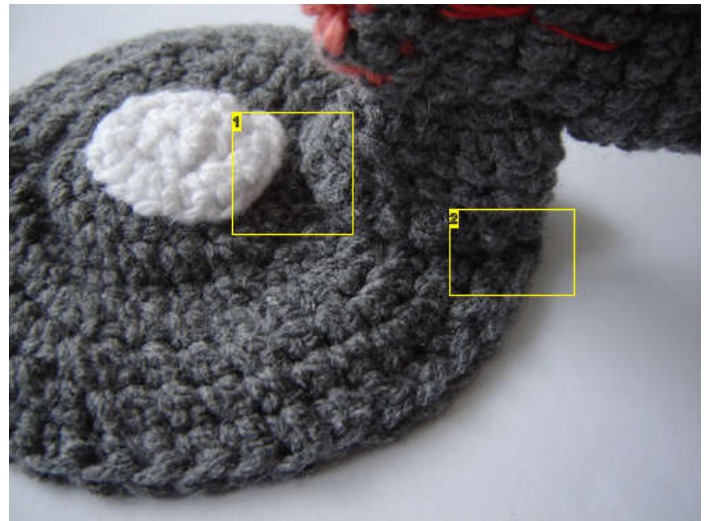


Image Notes

1. Connect to saucer.
2. Should be to one end of the saucer.

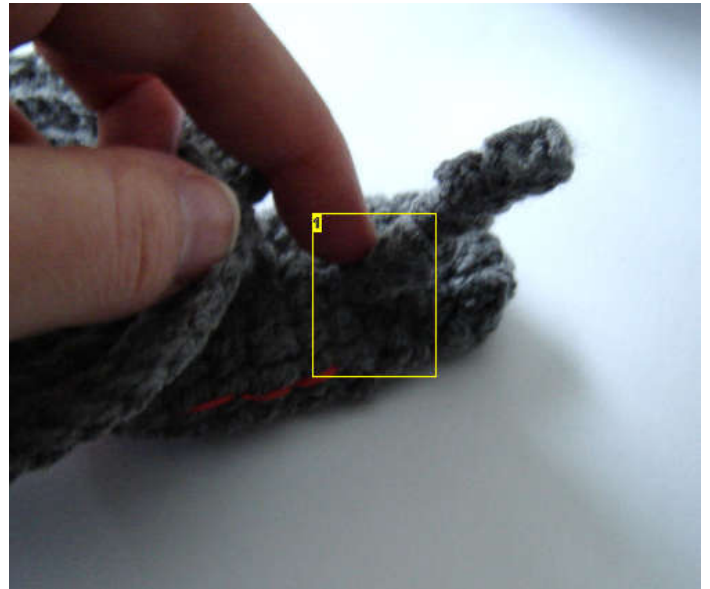


Image Notes

1. Attach pylons to hull

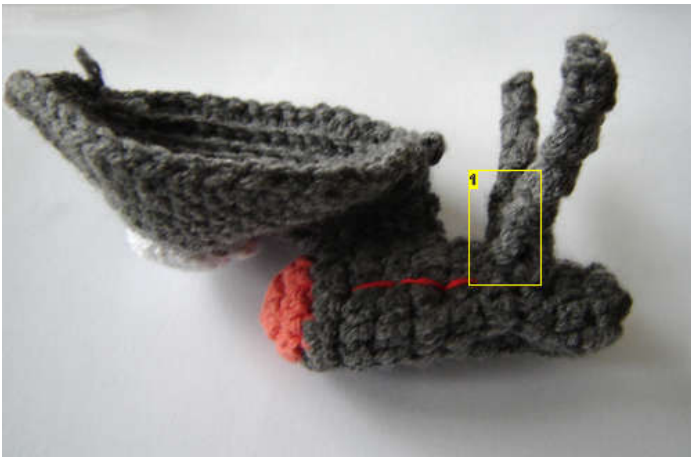


Image Notes

1. They should be at right angles to one another.

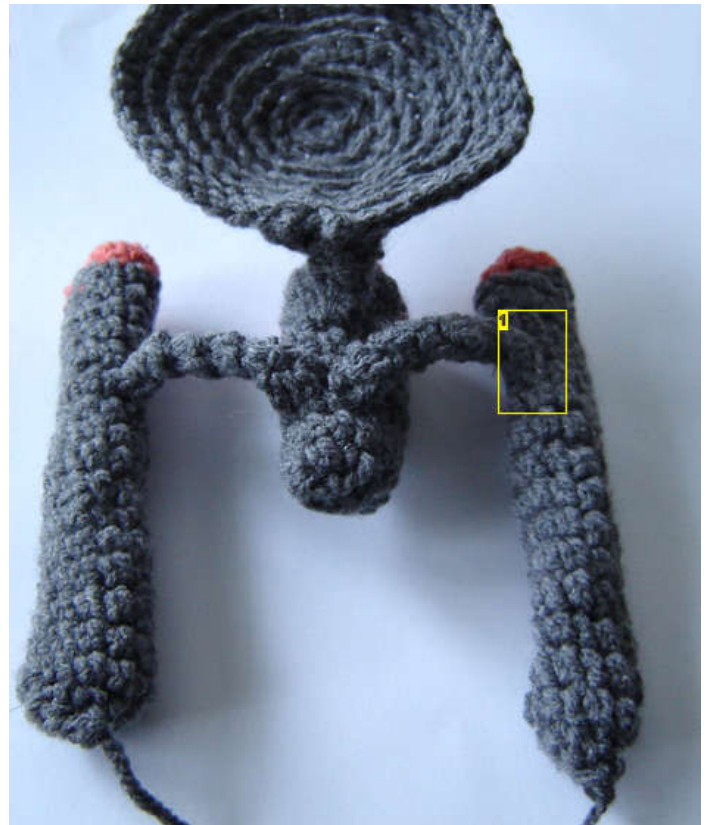


Image Notes

1. Attach to nacelles. As you can see, they can't support the nacelles on their own, wire is required.

Step 9: Structural Integrity Field (Wire Support)

I used two pieces of floral stem wire to hold the shape of the vessel as you can see from the previous step the pylons can't hold up the nacelles on their own.

- Bend over the end of each wire.
- Twist together the two wires at the end with the bend for a length of 2-3inches.
- Feed the wire at the untwisted end through the saucer, into the connecting dorsal, into the hull, through the pylons, then into the nacelles and out the opening.
- Repeat with the other free wire, trim off the excess wire and bend over the ends.
- Bend the twisted end of the wire (this should be sitting in the saucer section) into a loop.
- Adjust the shape of the wire so that it resembles the shape of the ship.



Image Notes

1. Bend end.

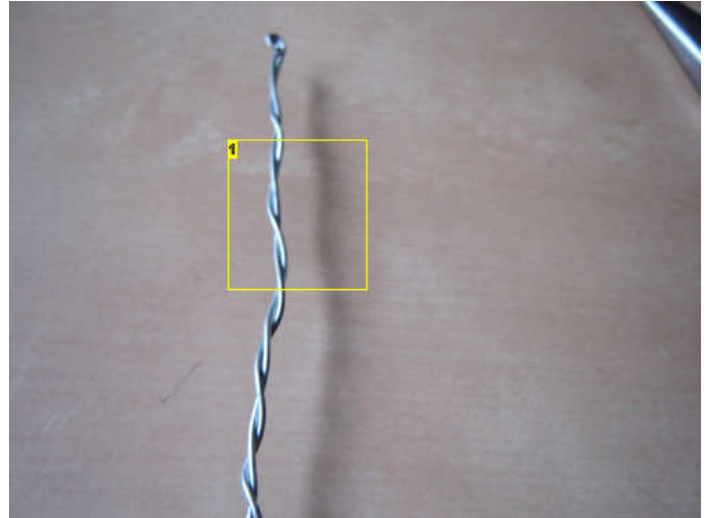


Image Notes

1. Twist together two wires at one end.

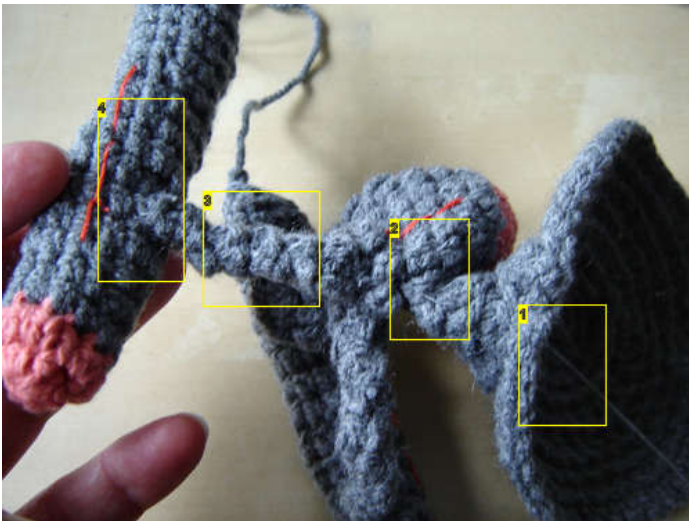


Image Notes

1. Push on wire of the untwisted end through here.
2. Through the dorsal and hull.
3. Through one of the pylons.
4. Into the nacelle.

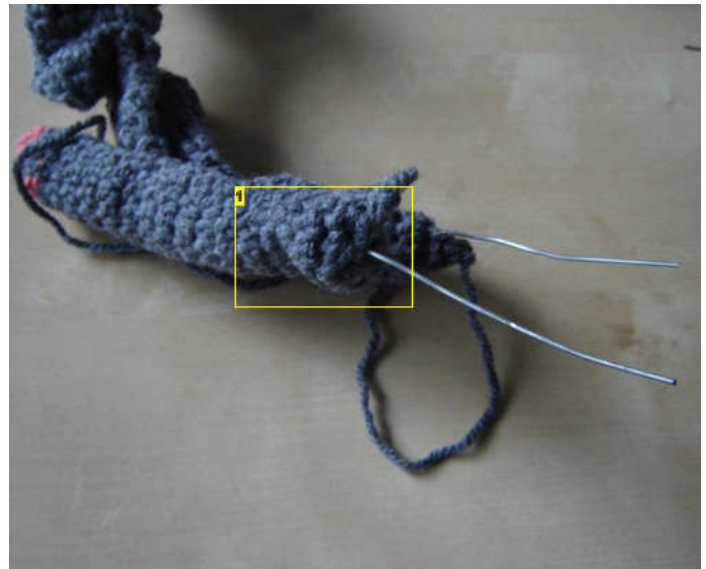


Image Notes

1. Pull wire out through here.

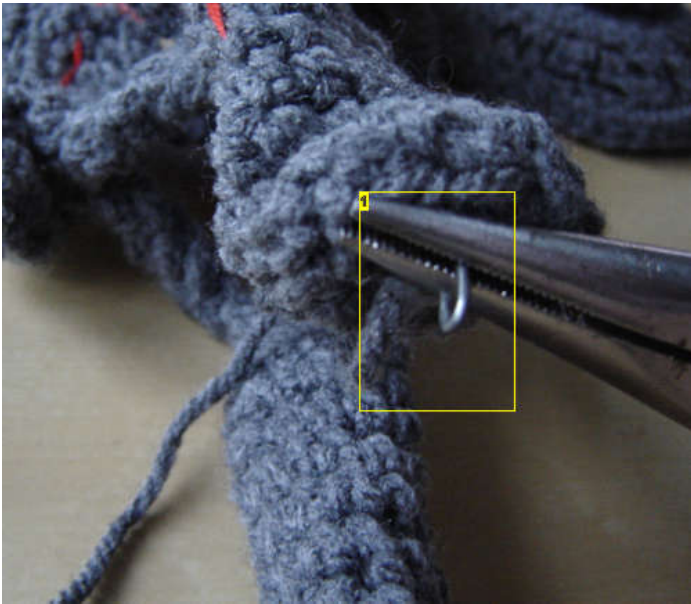


Image Notes

1. Snip off excess and bend ends



Image Notes

1. The twisted end should be here

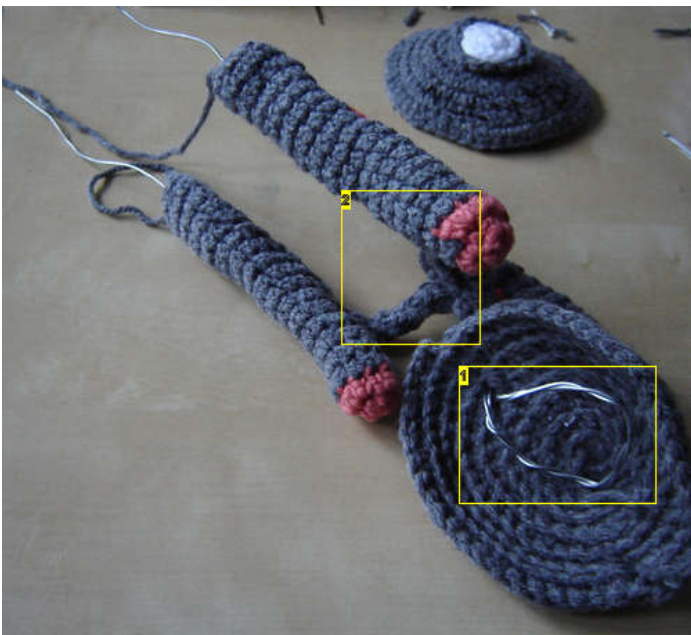


Image Notes

1. Form a loop.
2. Bend the rest of the wire into the right shape

Step 10: Punch it... I mean Stuff it

- Sew the two saucer pieces together leaving an opening an inch long. Stuff the saucer (not too full, you don't want it to look like a ball). Sew up the opening.
- Stuff the hull (you may need to use the crochet hook to get the stuffing around the wire). Sew shut.
- Stuff the nacelles (again, you may need the hook to get all of the stuffing in). Sew shut.
- Adjust the wire to get the proper shape.

Engage!

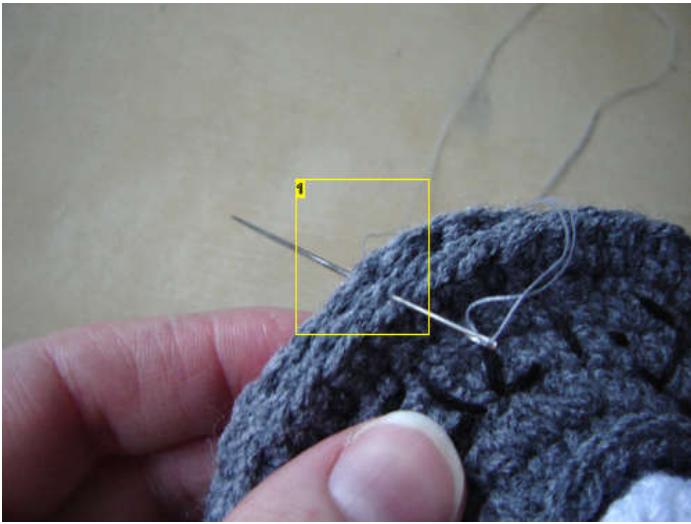


Image Notes

1. Sew saucer pieces together leaving a small opening to stuff it.

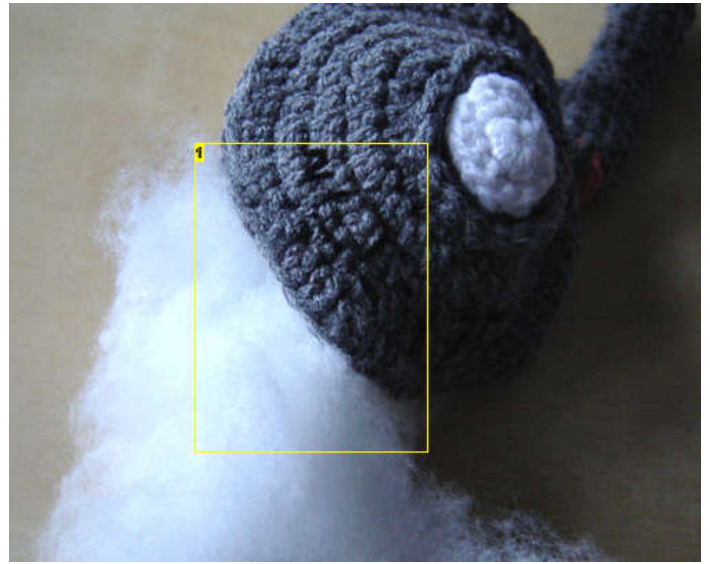


Image Notes

1. Add stuffing.

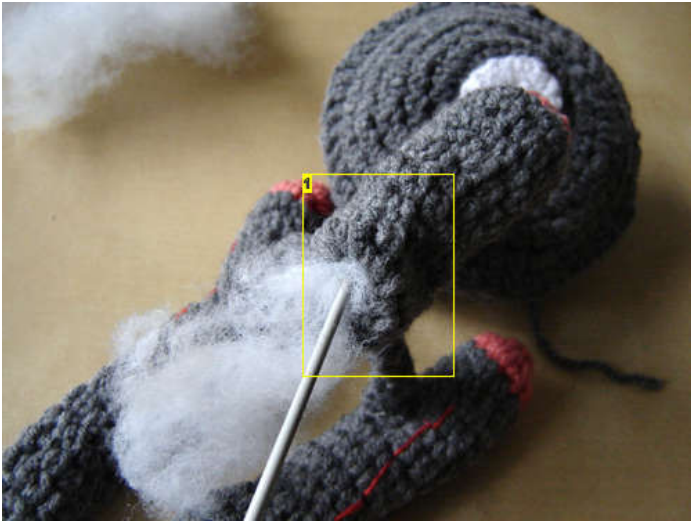


Image Notes

1. Jam in the stuffing, the crochet hook is helpful for this.

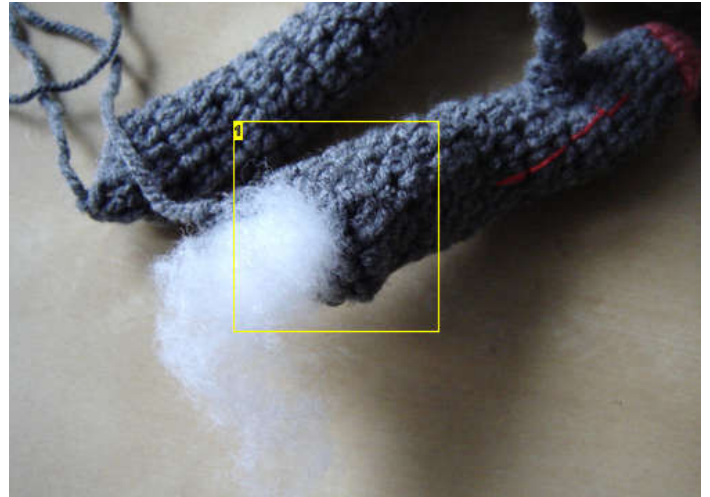


Image Notes

1. Stuff the nacelles



Image Notes
1. Done!

Related Instructables



Build the Starship Enterprise from useless office supplies by bchafy



2 meter flying RC starship Enterprise by masynmachien



Bicycle Starship Enterprise (Photos) by maxstevenson



Kirk! (Photos) by xopirate



Uhura (Photos) by xopirate



gmjhowe's Manager's Command and Control Seat of Righteousness (Captain Kirk's Chair) by caitlinsdad

Comments

28 comments

[Add Comment](#)



uniqueutopia says:
"Make it sew, Number One"... nice!

Feb 18, 2011. 4:11 AM [REPLY](#)



Wonderlandknitter says:
Congratulations! I'm glad that you made it to the finalist round--great job!

Mar 14, 2011. 8:30 PM [REPLY](#)





ChrysN says:
Thanks!

Mar 14, 2011. 9:39 PM [REPLY](#)

 **Creativeman** says: Mar 4, 2011. 2:50 AM [REPLY](#)
The force is definitely with you!


 **Chrysn** says: Mar 4, 2011. 4:25 PM [REPLY](#)
Thanks!

 **copilarim** says: Feb 25, 2011. 4:54 AM [REPLY](#)
I envy (in a positive way:P) you for having photos with every step you've made... I've worked in such a hurry and only had a few pics(all blurred... poor light) and i couldn't use them at all. =))
It's a great ship!! i bet it can fly:D


 **Chrysn** says: Feb 25, 2011. 4:33 PM [REPLY](#)
Thanks, I find it easier to explain instructions with pictures rather than words, if I make something that I plan to post I take pictures of everything.
Sure it can fly, but it can't quite break earths orbit! ;)

 **john henry** says: Feb 20, 2011. 12:56 PM [REPLY](#)
looks like it would be something from Little Big Planet.
It looks cool!


 **Chrysn** says: Feb 20, 2011. 2:20 PM [REPLY](#)
Thanks!


 **Let Me Knit** says: Feb 20, 2011. 1:35 PM [REPLY](#)
Is the pattern using US directions or UK? Sometimes it can be hard to tell :)

 **Chrysn** says: Feb 20, 2011. 2:19 PM [REPLY](#)
It's US directions.

 **mdeblasi1** says: Feb 20, 2011. 11:17 AM [REPLY](#)
We bow before your ingenuity, and having seen your workspace, we bow before your lolstant as well.

 **agis68** says: Feb 20, 2011. 10:24 AM [REPLY](#)
mercy me!!!

 **Wonderlandknitter** says: Feb 19, 2011. 10:23 PM [REPLY](#)
This is so creative- I wish I could crochet!

 **TheMutaytor** says: Feb 20, 2011. 9:04 AM [REPLY](#)
All you need are yarn and a hook or needles, if knitting is more your desire, and then look up "how to" videos on Google or even on here, there are thousands of them, and then a wee bit of patience. You should also look for groups of folks in your area that may be into yarnstorming or yarnbombing, there are always creative folks in those groups that are willing to teach their skills.

 **Chrysn** says: Feb 19, 2011. 10:36 PM [REPLY](#)
LOL, I wish I could knit!

 **wendeehart** says: Feb 20, 2011. 7:07 AM [REPLY](#)
Set phasers to stunning!

 **Stew2** says: Feb 20, 2011. 6:28 AM [REPLY](#)
This is full of Win! Awesome job :)



lemonie says:
"It's yarn Jim, but not as we know it."

Feb 19, 2011. 1:38 AM [REPLY](#)

L



Paracord Ninja says:
I know how to crochet and this will be the next thing I make thanks for sharing it

Feb 18, 2011. 3:15 PM [REPLY](#)



LoneWolf says:
Wow!!! Amazing job!!!

Feb 18, 2011. 2:21 PM [REPLY](#)



Ninzerbean says:
...to crochet what no one has crocheted before... this is really great!

Feb 18, 2011. 4:29 AM [REPLY](#)



ChrysN says:
Thanks.

Feb 18, 2011. 11:39 AM [REPLY](#)



cdawisconsin says:
Great idea and I love the lead picture =)

Feb 18, 2011. 7:22 AM [REPLY](#)



ChrysN says:
Thanks.

Feb 18, 2011. 11:20 AM [REPLY](#)



abadfart says:
haha do you think i would get funny looks sleeping with this in boot camp

Feb 17, 2011. 10:29 PM [REPLY](#)



mikeasaurus says:
Wow, looks great!
set phasers to awesome!

Feb 17, 2011. 10:24 PM [REPLY](#)



perignon says:
This is it. I'm taking up crocheting.

Feb 17, 2011. 10:17 PM [REPLY](#)