

Hat #43 Fish Adult Size V1.2

Details about the Project Picture	
Hat #41 LT Slip E	
Based on	Knitty Fish Hat
Needle	Size 7
Cast on	88 stitches
Finished size	Child Size
Hobby Lobby I Love This Yarn 100% acrylic	
Worsted Weight, various colors	



This is an homage to the Knitty Fish Hat Pattern, which I (and obviously thousands of others - based on the number of Ravelry projects) think is just one of the cleverest, cutest patterns ever! It was so nice of her to share it with us! I love looking through the projects posted on Ravelry and of course there is SailorCarol's clever tail. But I like to play around with patterns (don't all knitters?!) and kept making modifications and changes based on things I wanted to do. I kept adding notes to my Ravelry projects and finally decided to just write them all out in a pattern, in case someone else might like them.

Size - I'm a fairly tight knitter and this pattern as written makes a very generous adult sized hat. It's very giving as far as size goes. If you are a looser knitter, you may want to go down a size or two on your needles.

There were a couple of things I wanted to change.

- I wanted the beginning of the round to be on the bottom of the fish so that any color joins would be less noticeable
- I wanted the lips to only turn over as far as I wanted them to, and no further. It's hard to control that with just stockinette.
- I wanted a tail that was vertical (like a fish, not horizontal like a whale's) and I wanted one that stood out more, not flopped.
- I also wanted my fins to stand out, not flop.
- With this technique, you can even add stuffing to the fins and tail if you'd like
- I wanted the decreases closer to the tail so that there wasn't suddenly a decrease in the body in my sea of lovely stockinette

Supplies

- Worsted weight yarn (I like something wash & dry)
- Circular needle in size #7 - length 16" for the body of the fish
- Circular needle in size #7 - length 32" for body decreases, tail & fins
- Sharp, smaller gauge DPNs to help pick up stitches for the fins (I used a couple of size #4 DPNs to help me, but really any small gauge needles will work)
- 8 stitch markers, one should be distinctive for BOR
- Tapestry needle for weaving in ends
- Scissors
- Several short pieces of scrap yarn to tie onto the piece as reminders as you work along

Joining

If you don't know how to join in the round, there are MANY very good online resources. My preferred method is to cast on one extra stitch and pass it over. Just make sure your work isn't twisted!

Magic Loop - this pattern assumes you know how to do the Magic Loop method (knitting in the round with a longer circular needle). If you don't know how, I highly recommend it! There are MANY excellent resources online explaining it (Very Pink Knits is one of many). You can also do this with DPNs or 2 circulars but I'm not very good with those so have written the pattern with Magic Loop in mind.

Short Rows - this pattern assumes you know how to do short rows. If not - don't panic - they aren't hard - just different than what you may have done before.

What you are doing with short rows is basically stopping in the middle of a round - then working back and forth, back and forth, back and forth for a while - then finally finishing working the original round. This causes your knitting to have interesting shapes (like lips or a tail in this case).

When you make all those turns back and forth, if you did nothing but turn, your work would have a hole in it. There are a number of ways to close this hole - typically what is called a wrap and turn. Really any of those methods would work with this, but I've written this using the Shadow Wrap method. For those of you who have done the FLK (Fish Lips Kiss) heel, the Shadow Wrap is the same as the TSK and TSP. Doing the Shadow Wrap also gets your working yarn onto the correct needle to work back in the other direction.

Again, many excellent videos and explanations online! There are a couple of small mini-tutorials at the end.

Rescue Row

Also sometimes called a Lifeline. If you're worried about a mistake, I recommend a Rescue Row now and then to add to your peace of mind. What you basically do is run a slender piece of yarn or thread (I use a bright nylon thread because I can see it and it's slippery and easy to pull out later) through the stitches. This way if I have to pull out my work later because of a mistake, I'll have these "correct" stitches saved on that thread and the stitches will be easy to put back on my knitting needles. If you are new to short rows, I DEFINITELY recommend one in the pattern where I've indicated it on the tail. Make sure to go OUTSIDE of any stitch markers. When the project is done, just pull the Rescue Row thread out. There is plenty of great information online.

Abbreviations

k knit

p purl

SW Shadow Wrap - this is a type of wrap & turn that closes the hole caused by turning the work for short rows.

Knit SW - if you are a knit side (or if the next stitch is a knit - as it may be in the ribbing for the tail), here is how you work a SW on a knit stitch.

Use the tip of your right needle. Go into the right leg of the stitch under the left needle's first stitch. Lift that leg up onto the left needle and knit it as a new stitch. Move this newly created stitch back to the left needle and turn to work the other direction.

Purl SW - if you are a purl side (or if the next stitch is a purl - as it may be in the tail ribbing), here is how you work a SW on a purl stitch.

Use the tip of your left needle. Go into the little collar of the stitch under the right needle's first stitch. Lift that collar up onto the left needle and purl it as a new stitch. Move this newly created stitch - AS WELL AS the stitch you created it from - back onto the left needle and turn to work in the other direction. (I find it easier to move the purl ones after I've turned - just don't *forget* to move it if you do that.)

Two important notes:

1. When working in rib, move the working yarn to whatever side you normally would for working the next stitch, even if the next stitch is a SW. In other words, you just worked x number of stitches and the last stitch you did was a knit. Now you need to do an SW on a purl stitch. Move the working yarn to the purl side side before doing the SW.

2. Anytime you come to a completed SW and are going to work past it, work it as ONE stitch.

turn Just what it says. Turn the work around and start working back in the other direction

k2tog knit 2 together - go through 2 stitches and knit them together

kfb knit front and back. Knit into the front of stitch, then, without removing the stitch from the left needle, knit into the back of the same stitch and slide both off the left needle together. This increases your stitch count by one

3 needle bind off 3 needle bind-offs can be done with the right sides together, or the wrong sides together, depending on what you want to accomplish. In this pattern you do it with the wrong sides together. What you are basically doing is a k2tog, only instead of the stitches being side by side like they normally are, they are one in front of the other. Once you have completed 2 of these k2tog's, you pull one over the other like a regular bind off. Do another k2tog and bind off again, all the way across.

Here is a breakdown of how to do it (many excellent resources online).

1. From your beginning of round marker, push 1/2 of the stitches onto 1 needle and 1/2 the stitches onto the other one. In the case of closing the fish body in this pattern, this means you'll have 20 on the back needle, 20 on the front.

2. Knit the 1st stitch from the front needle and the 1st stitch from the back stitch together. This isn't hard, just a little trickier than a regular k2tog. Go through the front needle stitch, go through the back needle stitch, wrap yarn to knit, carefully pull yarn through the back needle stitch, carefully pull yarn through the front needle stitch. One completed. Repeat to create a 2nd (k2togethered) stitch.

3. Bind off 1 stitch by pulling the 2nd stitch over the first stitch, just like a regular bind off. This is typically the step I forget. I get so caught up in doing nice front/back k2togethers, that after I'm about half way across, I realize I didn't do the bind-offs. If this happens, don't panic. Just carefully undo each stitch, putting the back needle stitch on the back needle, and the front needle stitch on the front needle. Regroup, work the front/back k2tog's again, and this time, bind off.

BOR beginning of round

Picking up Stitches There are several place where the pattern directs you to pick up stitches (once after closing the body and starting to work the tail and again for the dorsal and pectoral fins). For the tail, you are directed to run a rescue row which will greatly help you in finding the stitches to pick up. For the fins, you just grab stitches from the work already done. When you pick up a stitch, the stitch is a little loop with 2 legs. You want to grab one of those legs (not both!). If you pick up a left leg, pick up the left leg of each stitch going down the column. Again, many good online sources. I'll add a few directions in the pattern and there's a mini tutorial at the end.

. Repeat the directions between the asterisks over and over

Notes on Color Changes

Number of rounds

I recommend doing at least 3 rounds of a color before changing to a new one. This makes the color change look more even and natural.

Slipping a Stitch

When you change colors in the round, it creates a little jog. To minimize this, add the new color and knit a round. On the 2nd round of the new color, slip the first stitch purlwise, without working it. On the 3rd round and those after, knit as normal.

Adding a new color in Ribbing

When you connect stitches, on the purl side of the work, you can see the connection clearly. When you connect colors in ribbing, part of your stitches are in purl on the front of the work and you will see this ugly little 2 color line where the new color joins. To avoid this do the following. Add a new color and do an entire round of ONLY knit - right there in the middle of your ribbing. You'll never notice it and on the next round, just go back to your regular ribbing. It'll look much better, I promise.

A Tip that Helps me on Short Rows - using a piece of scrap yarn

When I come to the place to do my SW, I complete the SW and turn. Now I'm ready to work back. Before I start working (and counting) back to the next SW, I hang a little piece of scrap yarn (maybe 4" long in a contrast, easy-to-see color) over my needle. Then I work and count back to the next SW. I work that SW and turn. Hang another piece of scrap yarn over the needle, begin working and counting. Every time I do a turn, I move the scrap yarn over to the new start-to-count place. This way, if I get lost in my counting or have to put my knitting down for a minute, I can use that piece of scrap as a place to count from and find my place. Takes a little extra work but has been invaluable for me. I know you can count from the SW, but sometimes those are tricky to see.

A Note on Magic Loop and turns in Short Rows

Many of us using the Magic Loop method have only used it when doing knit stitches so we're familiar with where the yarn goes when we make that magic loop turn. But with short rows, you'll necessarily be doing some purls after that magic loop turn. This can get confusing if you over-think it. Basically this is the idea - you want your yarn to be in the front of your needle if the next stitch is a purl (or in the back if your next stitch is a knit). It's really that simple.

Pattern Directions

Cast on and Lip Preparation

Using lip color yarn and # 7 needle (16" length) cast on 88 stitches.
Place a distinctive BOR marker and join in the round.
Knit until piece is about 1.5" long (it should curl over as you work).

Securing the Lips

I wanted to completely control how far the lips turned over. Sometimes they were rolling over so far that you could see the ugly join on the back side where the lip and mouth colors joined. I tried just doing a round of purl stitches before doing the mouth and that helped but I ended up liking one of the 2 methods below. The first method is by far the easiest and looks basically like the second method. However, the first method creates a hat opening that is a little bit tighter. So, although the second method is much more fiddly I prefer it because the hat opening is still nice and stretchy. But both look about the same.

Securing the Lips - Method #1

Work a purl round to sew down later - much easier to do but not quite as stretchy an opening

Knit as directed until piece is about 1.50" long

Work a round of purl still using lip color

Cut a LONG tail (you'll be using this later to sew all of those purl stitches to the curled lip)

Join mouth color and begin working as directed below.

Later (I typically wait until I'm almost done), take that long tail and do the following.

1. Let the stockinette from the cast on edge roll up to a natural position.
2. Take the long tail you cut and thread it onto a tapestry needle.
3. Sew together a purl stitch you knit to a stitch from the rolled up stockinette (do this gently - you DON'T want it tight)
4. Secure and weave in the ends. Since the lips will show, make sure to weave in ends out of sight inside the fish.

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Securing the Lips - Method #2

Note: If you are using an earlier version of this pattern, I've reworked this a little to make it easier.

Working 2 rounds together - more difficult but creates a stretchier fish/hat opening

1. Knit as directed until piece is about 1.5" long
2. Let the stockinette brim roll over to what seems like a natural position. What you are going to do now is work 2 stitches together (one from the needle and picking one up from the rolled stockinette portion) so you can force the lips to stay where you want them to.
3. Work a SW (knit) and turn the work. Take a small needle (I like a little wooden cable needle) and pick up the leg of the stitch on the stockinette roll you want to work. Now go through the first stitch on the needle, then through the stitch held on your little cable needle and knit them together. Repeat this all the way around to the BOR marker. Make sure as you are picking up legs on the rolled portion that you try to stay in the same line.
4. When you reach the BOR marker, slip the marker. The next stitch will be the SW you made earlier. Knit it as one stitch.
5. Knit the remainder of the round.
6. **Change to mouth color yarn** and begin working the mouth.

Preparing the Mouth - using mouth color yarn

Prep Round A knit

Prep Round B sl-1 * knit *

To make it easier to find the spot for your short rows on the 2nd side of the mouth, as you work the next round, place a distinctive mid-round marker after 44 stitches.

Prep Round C knit

Shaping the First Side of the Mouth

Row 1 k5 SW turn

SW on knit stitch - use tip of right needle to lift up right leg of 1st stitch on left needle & knit it. Move this new knitted stitch back to left needle.

Row 2 p10 SW turn

*SW on purl stitch - Slip stitch to right needle without working it. Lift collar of slipped stitch onto left needle and purl it. Move both lifted purled stitch & unworked original stitch back to left needle.
On the row above, you will be making the SW in the stitch right after you work the previously made SW as one stitch*

Row 3 k11 SW turn

On the row above, you will be making the SW in the stitch right after you work the previously made SW as one stitch

Row 4 p12 SW turn

On the row above, you will be making the SW in the stitch right after you work the previously made SW as one stitch

Row 5 k13 SW turn

On the row above, you will be making the SW in the stitch right after you work the previously made SW as one stitch

Row 6 p14 SW turn

On the row above, you will be making the SW in the stitch right after you work the previously made SW as one stitch

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Row 7 k15 SW turn

On the row above, you will be making the SW in the stitch right after you work the previously made SW as one stitch

Row 8 p17 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Row 9 k19 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Row 10 p21 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Row 11 k23 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Row 12 p25 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Row 13 k27 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Row 14 p29 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Row 15 k31 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Row 16 p33 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Transition to the Other Side

Note: If you are using an earlier version of this pattern, the transition round has been re-worked to make it easier to work.

Row 17 knit past the BOR marker and on until 5 past the mid-point marker, work
the SW as one stitch when you pass it

Shaping the Second Side of the Mouth

Row 18 p10 SW turn

On the row above, you will be making the SW in the stitch right after you work the previously made SW as one stitch

Row 19 k11 SW turn

On the row above, you will be making the SW in the stitch right after you work the previously made SW as one stitch

Row 20 p12 SW turn

On the row above, you will be making the SW in the stitch right after you work the previously made SW as one stitch

Row 21 k13 SW turn

On the row above, you will be making the SW in the stitch right after you work the previously made SW as one stitch

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Row 22 p14 SW turn

On the row above, you will be making the SW in the stitch right after you work the previously made SW as one stitch

Row 23 k15 SW turn

On the row above, you will be making the SW in the stitch right after you work the previously made SW as one stitch

Row 24 p17 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Row 25 k19 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Row 26 p21 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Row 27 k23 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Row 28 p25 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Row 29 k27 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Row 30 p29 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Row 31 k31 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Row32 p33 SW turn

On the row above, you will be making the SW in the stitch one stitch after you work the previously made SW as one stitch

Almost Final Mouth Round k to end of round

Final Mouth Round knit around, working any remaining
SW as a single stitch

Working the Body of the Fish

Where your BOR marker is located, is the bottom of the fish. This will help hide any color joins. I recommend after working a few rounds, that you tie a small scrap of yarn on the outside of the work to remind you later that this is the bottom of the fish and DON'T put the dorsal fin on this side.

1. Changing colors as desired, knit until the body is about **7" long**. (Measure on the shortest side of the mouth, from the lip/mouth color join.)
2. After you reach about 7 inches in length, work a round and place markers every 11 stitches. Tie another little scrap of yarn near the BOR marker. This scrap should be in line with the one you tied on earlier after the lips and will remind you NOT to put the dorsal fin on this side.
3. Continue knitting and changing colors as desired until body measures about **8" long** (remember to measure on the shortest side of the mouth, from the lip/mouth color join to the top of the needle).
4. Go on to the decrease rounds below, changing to longer needle for magic loop when necessary.

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Decrease Rounds

Body Decrease Round 1	* k9 k2tog *	(80 stitches)
Body Decrease Round 2	knit	
Body Decrease Round 3	knit	
Body Decrease Round 4	knit	
Body Decrease Round 5	* k8 k2tog *	(72 stitches)
Body Decrease Round 6	knit	
Body Decrease Round 7	knit	
Body Decrease Round 8	knit	
Body Decrease Round 9	* k7 k2tog *	(64 stitches)
Body Decrease Round 10	knit	
Body Decrease Round 11	knit	
Body Decrease Round 12	knit	
Body Decrease Round 13	* k6 k2tog *	(56 stitches)
Body Decrease Round 14	knit	
Body Decrease Round 15	knit	
Body Decrease Round 16	knit	
Body Decrease Round 17	* k5 k2tog *	(48 stitches)
Body Decrease Round 18	knit	
Body Decrease Round 19	knit	
Body Decrease Round 20	knit	

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Body Decrease Round 21	* k4	k2tog *	(40 stitches)
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Body Decrease Round 22	knit
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Closing the Fish

You now have 40 stitches.

Divide them evenly onto each needle, with 20 on each needle.

Run a rescue row thread through these 40 stitches (20 on each needle) and tie the rescue row in a knot by the BOR marker.

Work a 3 needle bind off (with wrong sides together). There is a little mini tutorial at the end to help if you need it.

Picking up for the Tail

Starting at the BOR (where you tied your rescue row knot and where further down your scraps of yarn are tied), and using your TAIL COLOR yarn, pick up 40 stitches (20 on each side). Here's how I do that.

1. Take a smaller gauge DPN and carefully pick up one leg of each stitch along one side (20 stitches). Use your rescue row to help you if needed.
 2. Carefully thread those 20 stitches onto your long circular needle.
 3. Turn the piece around and use the DPN to pick up the 20 stitches on the other side. Pull the long needle out for magic loop and thread those 20 stitches onto the long circular needle.
 4. Begin working rounds below.

Working the Base of the Tail

It is a little tricky keeping track of where your BOR is for this section. Although you will be working in magic loop, you are really working back and forth (20 stitches on each side) so you can't really put a BOR marker because at the end of every round it falls off.

Tie a little piece of scrap yarn (or put a little locking stitch marker) where the rescue row is knotted and where you began picking up stitches. This is your beginning of round. Since you'll be knitting one side, then the other side, one side, then the other side, you just need a location for your BOR so you can make sure you work a complete round before going on to the next one (hope that makes sense!).

I've written the base of the tail rounds in 2 parts so you can put a check mark beside them as you work them, to help you keep track.

Base of Tail Round 1	Side A	k20
	Side B	k20

Base of Tail Round 2	Side A	* k1	kfb *
	Side B	* k1	kfb *

Base of Tail Round 3	Side A	* k2	p1 *
	Side B	* k2	p1 *

Base of Tail Round 4	Side A	* kfb	k1	p1 *
	Side B	* kfb	k1	p1 *

Base of Tail Round 5	Side A	* k1	p1 *
	Side B	* k1	p1 *

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Base of Tail Round 6	Side A	* k1	p1 *
	Side B	* k1	p1 *

Base of Tail Round 7	Side A	* k1	p1 *
	Side B	* k1	p1 *

Base of Tail Round 8	Side A	* k1	p1 *
	Side B	* k1	p1 *

As you work the next round, place a distinctive marker at the mid-point (after 40 stitches)

Base of Tail Round 9	Side A	* k1	p1 *
	Side B	* k1	p1 *

Base of Tail Round 10	Side A	* k1	p1 *
	Side B	* k1	p1 *

Starting at the point you just ended your last round (and which should be your beginning of round), thread a rescue row thread through and knot it here. Work the next round.

Base of Tail Round 11	Side A	* k1	p1 *
	Side B	* k1	p1 *

Wrap and Turn Rows on the Tail


You will truly begin working in magic loop now so as you finish the last round and begin working the next one, make sure to place your BOR marker. You'll need it for counting. The BOR should be easy to see since your rescue row knot is there.

A couple of things to remember as you work these.


Anytime you work past a SW (which won't happen until the rows/rounds near the end), work the SW as one stitch. You can see it's an SW if it looks like there are 2 knits in a row or 2 purls in a row. Since you are doing k1, p1 ribbing, if you get 2 of one kind in a row, it must be an SW - work it as one stitch. Hope that makes sense.

Work the SW in pattern. If you are working along and the SW will be done on a knit stitch, move the yarn to the back and do knit SW. If you're working along and the SW will be done on a purl stitch, move the yarn to the front and do a purl SW.

First Side of Tail

 right side row				
Tail W&T Row 1	Work in pattern for 17 stitches	SW	turn	

 wrong side row				
Tail W&T Row 2	Work in pattern for 34 stitches	SW	turn	

 right side row				
Tail W&T Row 3	Work in pattern for 33 stitches	SW	turn	
<i>In the row above, you will be making the SW right before the last SW you made.</i>				

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👉 wrong side row

Tail W&T Row 4

Work in pattern for 32 stitches

SW

turn

In the row above, you will be making the SW right before the last SW you made.

👉 right side row

Tail W&T Row 5

Work in pattern for 31 stitches

SW

turn

In the row above, you will be making the SW right before the last SW you made.

👉 wrong side row

Tail W&T Row 6

Work in pattern for 30 stitches

SW

turn

In the row above, you will be making the SW right before the last SW you made.

👉 right side row

Tail W&T Row 7

Work in pattern for 28 stitches

SW

turn

In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

👉 wrong side row

Tail W&T Row 8

Work in pattern for 26 stitches

SW

turn

In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

👉 right side row

Tail W&T Row 9

Work in pattern for 24 stitches

SW

turn

In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

👉 wrong side row

Tail W&T Row 10

Work in pattern for 22 stitches

SW

turn

In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

👉 right side row

Tail W&T Row 11

Work in pattern for 20 stitches

SW

turn

In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

👉 wrong side row

Tail W&T Row 12

Work in pattern for 18 stitches

SW

turn

In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

👉 right side row

Tail W&T Row 13

Work in pattern for 16 stitches

SW

turn

In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

👉 wrong side row

Tail W&T Row 14

Work in pattern for 14 stitches

SW

turn

In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

👉 right side row

Tail W&T Row 15

Work in pattern for 12 stitches

SW

turn

In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

👉 wrong side row

Tail W&T Row 16

Work in pattern for 10 stitches

SW

turn

In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

👉 right side row

Tail W&T Row 17

Work in pattern for 8 stitches

SW

turn

In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

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⬇ wrong side row

Tail W&T Row 18 Work in pattern for 6 stitches SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

⬆ right side row

Tail W&T Row 19 Work in pattern for 4 stitches SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

⬇ wrong side row

Tail W&T Row 20 Work in pattern for 2 stitches SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

Transition to the Other Side

Note: If you are using an earlier version of this pattern, the transition round has been re-worked to make it easier to work.

⬆ right side row

Tail W&T Row 21 Work in pattern past the BOR marker and then on
17 past the mid marker SW turn

Second Side

⬇ wrong side row

Tail W&T Row 22 Work in pattern for 34 stitches SW turn

⬆ right side row

Tail W&T Row 23 Work in pattern for 33 stitches SW turn
In the row above, you will be making the SW right before the last SW you made.

⬇ wrong side row

Tail W&T Row 24 Work in pattern for 32 stitches SW turn
In the row above, you will be making the SW right before the last SW you made.

⬆ right side row

Tail W&T Row 25 Work in pattern for 31 stitches SW turn
In the row above, you will be making the SW right before the last SW you made.

⬇ wrong side row

Tail W&T Row 26 Work in pattern for 30 stitches SW turn
In the row above, you will be making the SW right before the last SW you made.

⬆ right side row

Tail W&T Row 27 Work in pattern for 28 stitches SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

⬆ right side row

Tail W&T Row 28 Work in pattern for 26 stitches SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

⬆ right side row

Tail W&T Row 29 Work in pattern for 24 stitches SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

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⬇ wrong side row

Tail W&T Row 30 Work in pattern for 22 stitches SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

⬆ right side row

Tail W&T Row 31 Work in pattern for 20 stitches SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

⬇ wrong side row

Tail W&T Row 32 Work in pattern for 18 SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

⬆ right side row

Tail W&T Row 33 Work in pattern for 16 stitches SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

⬇ wrong side row

Tail W&T Row 34 Work in pattern for 14 stitches SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

⬆ right side row

Tail W&T Row 35 Work in pattern for 12 stitches SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

⬇ wrong side row

Tail W&T Row 36 Work in pattern for 10 stitches SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

⬆ right side row

Tail W&T Row 37 Work in pattern for 8 stitches SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

⬇ wrong side row

Tail W&T Row 38 Work in pattern for 6 stitches SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

⬆ right side row

Tail W&T Row 39 Work in pattern for 4 stitches SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

⬇ wrong side row

Tail W&T Row 40 Work in pattern for 2 stitches SW turn
In the row above, you will be making the SW so that there will be 1 stitch between the last SW you made and the new one

Almost final Tail Round knit to end of round, working SW as single stitches

Final Tail Round Knit all the way around, working SW as single stitches

If you'd like to put stuffing into the tail, stop about 3/4 of the way across the next Row, add stuffing and then finish bind off.

Tail Divide & Finish Divide stitches evenly (40 on each) onto 2 needles

With wrong sides together, do a 3 needle bind off

The Dorsal Fin (on the top of the fish)

Lay the fish flat so that the BOR is at the bottom (where way-back-when you tied those little scraps of yarn to remind you NOT to put the dorsal fin there. Go to the other side opposite these markers - this will be the top of the fish. Pick up 16 stitches in 2 columns (there is a mini tutorial with some pictures at the end). Here's how you do that.

1. Measure about 5" from the base of the tail and thread a little scrap of yarn through 2 columns so you can see which ones you are working with
2. Take a thinner (smaller gauge) DPN and pick up one leg of each stitch going down until you have 16
3. Slide the stitches from the DPN onto a long circular needle
4. Slide the stitches onto the cable portion of the circular needle (this will put less pressure onto the stitches while you are picking up the second column)
5. Take the DPN and pick up one leg of each stitch going down until you have 16. The second column is much tighter and harder to do, a small pointy needle is helpful in catching the stitch and lifting it onto the DPN
6. Take the same circular needle and slide the stitches from the DPN onto the circular needle
7. Put the needles onto the ready position for magic loop. You're ready to go. Add in your fin color yarn and work the following rounds.

Just as you did when working the base of the tail, you are working using the magic loop method, but you are working the sides separately. Attach a piece of scrap yarn or a locking stitch marker to show where you begin knitting so you'll know for sure when you've completed a round.

I've written the fin rounds in 2 parts so you can put a check mark beside them as you work them, to help you keep track.

Dorsal Fin Round 1	Side A	k16	
	Side B	k16	(32 stitches total / 16 each side)

Dorsal Fin Round 2	Side A	* k1	kfb *	
	Side B	* k1	kfb *	(48 stitches total / 24 each side)

Dorsal Fin Round 3	Side A	* k2	p1 *
	Side B	* k2	p1*

Dorsal Fin Round 4	Side A	* kfb	k1	p1 *	
	Side B	* kfb	k1	p1 *	(64 stitches total / 32 each side)

Dorsal Fin Round 5	Side A	* k1	p1 *
	Side B	* k1	p1*

Repeat Dorsal Fin Round 5 until about 1.75" long

Dorsal Fin Divide & Finish	If you want to add stuffing, pause about 3/4 of the way across this row, add your stuffing and then finish binding off
	Divide stitches evenly (32 on each) onto 2 needles
	With wrong sides together, do a 3 needle bind off

The Pectoral Fins (on the sides of the fish)

Using the same technique as you used for the Dorsal Fin above, measure on one side of the fish, about 5.5" from the base of the tail. Pick up 10 stitches in 2 columns. Add in fin color yarn and work the following rounds.

Pectoral Fin Round 1	Side A	k10	
	Side B	k10	(20 stitches total / 10 each side)

Pectoral Fin Round 2	Side A	* k1	kfb *	
	Side B	* k1	kfb *	(30 stitches total / 15 each side)

Pectoral Fin Round 3	Side A	* k2	p1 *
	Side B	* k2	p1*

Pectoral Fin Round 4	Side A	* kfb	k1	p1 *	
	Side B	* kfb	k1	p1 *	(40 stitches total / 20 each side)

Pectoral Fin Round 5	Side A	* k1	p1 *
	Side B	* k1	p1*

Pectoral Fin Divide & Finish	If you want to add stuffing, pause about 3/4 of the way across this row, add your stuffing and then finish binding off		
	Divide stitches evenly (20 on each) onto 2 needles		
	With wrong sides together, do a 3 needle bind off		

Repeat Pectoral Fin on the other side. I usually poke a DPN through from one side to the other to make sure I'm starting the pectoral fin on the other side in the same spot.

The Eyes

You are pretty much on your own for the eyes. I haven't perfected this yet. For older kids you can sew on a button. The hats I've made so far have been made primarily for toddler age kids, so I've made little yarn circles (either using crochet or Emily Ocker's magic knit circular cast on) instead of buttons. The original knitty pattern on Ravelry has thousands of projects you can look through for ideas.

Finishing

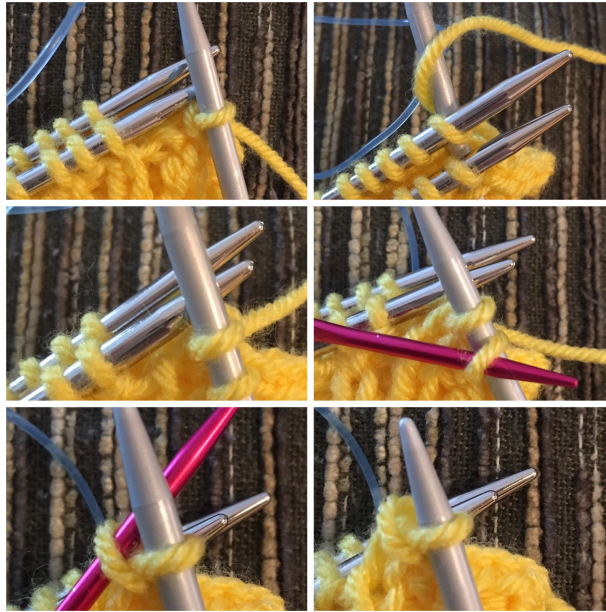
Remove the rescue rows if you haven't already done so. Weave in the ends and take some great pictures. Post your project to Ravelry and give a great gift!

There are several mini-tutorials on the following pages.

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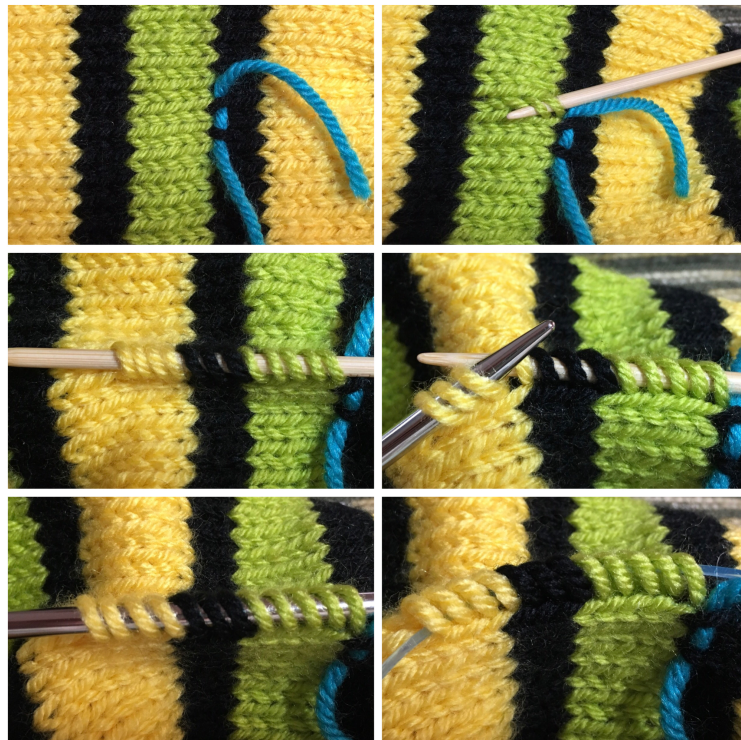
Mini Tutorial 3 Needle Bind Off

1. One front/back k2tog has been completed
2. Needle thru front and back stitches preparing to make another front/back k2tog
3. Two front/back k2tog stitches have been completed
4. Take 2nd stitch on right needle & pull it over the 1st stitch
5. Completing the bind off
6. One stitch is left. Repeat to bind off the rest of the stitches



Mini-Tutorial - Picking up the first column of stitches on the fin

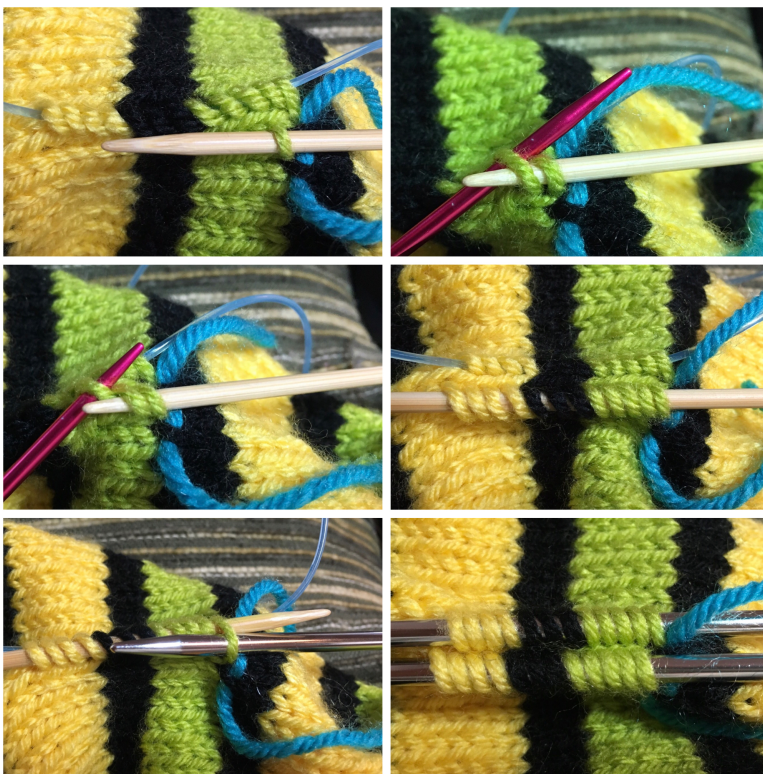
1. Scrap yarn placed to show where the 2 columns are where we're going to pick up stitches
2. Legs of 2 stitches picked up with smaller gauge DPN
3. 12 stitches picked up
4. Transferring the picked up stitches onto long circular needle
5. Stitches all transferred to the long circular needle
6. Circular needle pulled so that the picked up stitches are on the cord of the circular needle



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Mini-Tutorial Picking up the second column of stitches on the fin

1. One stitch picked up using DPN
2. Second stitch picked up with help from small needle
3. Third stitch picked up with help from small needle
4. Twelve stitches picked up and on DPN
5. Transferring picked up stitches from DPN onto the circular needle (which already has first column of stitches on it)
6. Two columns of picked up stitches on circular needle, ready to be worked using magic loop method



Mini Tutorial Working the first "round" on the fins

Although you are using the magic loop method of pulling the back needle out, you are really working each side separately (Round 1, side A, Round 1, Side B, etc)

Fin color yarn (in this case black) being added and working the first half (Side A) of the first Round

2. Side A of Round 1 is done, waiting to work Side B
3. Both sides of Round 1 have been done so all of the stitches are now in black

