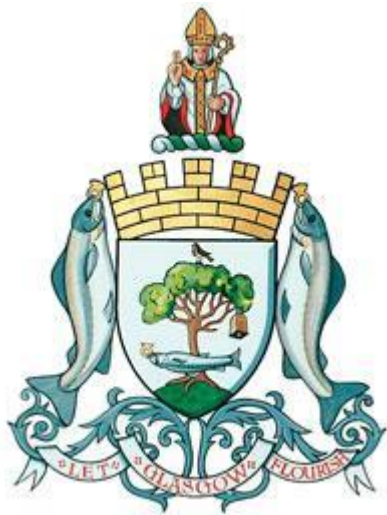


Science on the Sofa

Glasgow in Stitches

The rhyme associated with the City of Glasgow Coat of Arms:



Here is the bird that never flew.

Here is the tree that never grew.

Here is the bell that never rang

Here is the fish that never swam

For more information about the crest and each of the symbols;

<https://glasgow.gov.uk/article/6027/The-City-Crest>

Here are some knitting patterns inspired by the Glasgow coat of arms which you can try out.

Bell

Use any yarn of your choice along with appropriately sized needles.

Cast on 18 stitches.

Row 1: Knit all stitches

Row 2: Purl 6 stitches and then knit remaining stitches to the end of the row.

Row 3: Knit all stitches.

Repeat Rows 2 and 3 until you have knitted 30 rows.

Cast off.

Thread a tapestry needle with a length of yarn and sew up the short sides holding the right side together. Turn right way round.

Thread tapestry needle with another length of yarn and sew a gathering stitch around top edge of bell. Pull yarn tight and tie off. Use end of yarn to make a loop at the top of the bell.

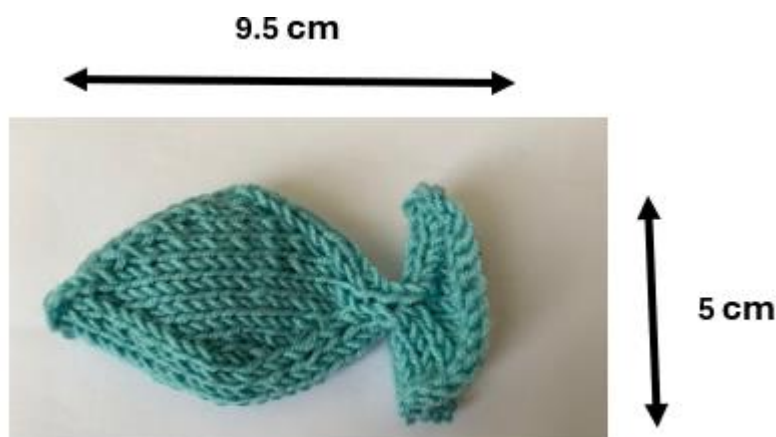
Tie a piece of yarn to the top of a small jingle bell. Secure this to the top inside of the knitted bell, so that the brass bell hangs just below the rolled brim.

Fish

Abbreviations :

- M1 : make 1 (knit row)
- M1P : make 1 Purl
- K : knit
- K2tog : knit two stitches together

The following example was knitted using size 3.25 mm knitting needles and 4-ply yarn.



1. cast on 2 stitches
2. M1, M1 (4)
3. M1, M1, M1, M1 (8)
4. K1, M1, M1, K1. Repeat (12)
5. Purl
6. K2, M1, M1, K2. Repeat (16)
7. Purl
8. K2, M1, K2, M1, K2. Repeat (20)
9. Purl
10. K2, M1, K4, M1, K2. Repeat (24)
11. Purl
12. K2, M1, K6, M1, K2. Repeat (28)
13. Purl

14. K2, M1, K8, M1, K2. Repeat (32)
15. Purl
16. K2, K2tog, K8, K2tog, K2. Repeat (28)
17. Purl
18. K2, K2tog, K6, K2tog, K2. Repeat (24)
19. Purl
20. K2, K2tog, K4, K2tog, K2. Repeat (20)
21. Purl
22. K2, K2tog, K2, K2tog, K2. Repeat (16)
23. Purl
24. K2, K2tog, K2tog, K2. Repeat (12)
25. Purl
26. K1, K2tog, K2tog, K1. Repeat (8)
27. Purl
28. K1, M1, M1, K1. Repeat (12)
29. P2, M1P, M1P, P2. Repeat. (16)
30. K2, M1, K2, M1, K2. Repeat (20)
31. P2, M1P, P4, M1P, P2. Repeat. (24)
32. K2, M1, K6, M1, K2. Repeat (28)
33. P2, M1P, P8, M1P, P2. Repeat. (32)
34. K2, M1, K10, M1, K2. Repeat (36)

Cast off : leaving a tail of yarn that can be used to sew edges to join.

Optional additions to personalise your creation:

- add a small amount of fibre stuffing (or similar) prior to sewing edges together.
- Add embroidered or stick-on eyes.
- Thread a split key ring hook through the “mouth” of the fish to use as a key ring fob (and to mimic Queen Languoeth’s ring on the Glasgow crest.
see <https://glasgow.gov.uk/article/6027/The-City-Crest>)
- Choose your own yarn type and appropriate needle size to obtain a fish of the desired size and appearance.

Bird

If 4mm needles are used with DK yarn, this chart will produce a 10cm square knitted coaster. However, any yarn with appropriately sized needles can be used.

x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	24
																				23
x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	22
																				21
x	x																		x	20
						x	x	x												19
x	x				x	x	x	x	x										x	18
				x	x	x	x	x	x	x										17
x	x		x	x	x	x	x	x	x	x	x								x	16
				x	x	x	x	x	x	x	x	x								15
x	x				x	x	x	x	x	x	x	x	x						x	14
				x	x	x	x	x	x	x	x	x	x	x						13
x	x			x	x	x	x	x	x	x	x	x	x	x					x	12
				x	x	x	x	x	x	x	x	x	x	x	x					11
x	x				x	x	x	x	x	x	x	x	x	x	x	x			x	10
						x	x	x	x	x	x	x	x	x	x	x				9
x	x						x	x	x	x	x	x	x	x	x	x	x		x	8
								x	x	x	x	x	x	x	x	x	x			7
x	x								x	x	x				x	x	x		x	6
																				5
x	x																		x	4
																				3
x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2
																				1
21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

Key:

Blank square = Right side (odd number rows): knit

= Wrong side (even number rows): purl

Square with x = Right side (odd number rows): purl

= Wrong side (even number rows): knit

Tree

This pattern, knitted with cotton yarn, will produce a 12-14cm square dish cloth. However, any yarn with appropriately sized needles can be used.

x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	30		
																														29	
x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	28	
																														27	
x	x													x	x	x												x	x	26	
													x	x	x	x	x	x												25	
x	x									x	x	x	x	x	x	x	x	x										x	x	24	
										x	x	x	x	x	x	x	x	x	x	x										23	
x	x							x	x	x	x	x	x	x	x	x	x	x	x	x	x							x	x	22	
								x	x	x	x	x	x	x	x	x	x	x	x	x	x									21	
x	x					x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x						x	x	20	
						x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x							19	
x	x					x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x					x	x	18	
						x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x							17	
x	x						x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x					x	x	16	
							x	x	x		x	x	x	x	x	x	x	x			x	x	x							15	
x	x						x	x			x	x	x	x	x	x	x				x	x							x	x	14
												x	x	x	x	x														13	
x	x											x	x	x	x	x												x	x	12	
												x	x	x	x	x														11	
x	x											x	x	x	x	x												x	x	10	
												x	x	x	x	x														9	
x	x											x	x	x	x	x	x												x	x	8
												x	x	x	x	x	x	x												7	
x	x							x	x	x	x	x	x	x	x	x	x	x	x	x	x							x	x	6	
						x	x	x	x	x			x	x	x		x	x	x		x	x	x	x						5	
x	x											x	x						x	x									x	x	4
																														3	
x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2	
																														1	
29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1			

Key:

Blank square = Right side (odd number rows): knit

= Wrong side (even number rows): purl

Square with x = Right side (odd number rows): purl

= Wrong side (even number rows): knit