Polar bear and cub under northern lights

Sized for a 6 inch hoop (15 cm). The stitched design is about 4.7 × 4.9 in (11.9 × 12.4 cm).



Which color goes where: by number on page 2.
Fabric: navy cotton or linen.

Stitch in this order

Filled parts from the back of the picture forward, then lines and knots.

1. **Long and short stitch**, 1 strand
   Northern lights, ice faces, ice floe, shadows on the ice, mother bear, cub
2. **Satin stitch**, strands by part on page 2
   Reflections, eyes, noses
3. **Straight stitch**, strands by part on page 2
   Northern lights, claws, nose lights, star rays
4. **Split stitch**, strands by part on page 2
   Curtain hem, ice edge, mother bear, eyes, mouths, cub
5. **French knot**
   strands by part on page 2, two wraps
   Eye lights, stars

Floss

- **1 DMC 3765 Very Dark Peacock Blue**
  Northern lights (shade 3 of 7), ice faces (dark)
- **2 DMC 333 Very Dark Blue Violet**
  Northern lights (shade 1 of 7)
- **3 DMC 208 Very Dark Lavender**
  Northern lights (shade 2 of 7), reflections (dark)
- **4 DMC 3851 Light Bright Green**
  Northern lights (shade 4 of 7)
- **5 DMC 959 Medium Seagreen**
  Northern lights (shade 5 of 7), reflections (middle)
- **6 DMC 955 Light Nile Green**
  Mother bear and cub (shade 4 of 7), northern lights (shade 6 of 7), reflections (light)
- **7 DMC 369 Very Light Pistachio Green**
  Northern lights (shade 7 of 7), curtain hem
- **8 DMC 3841 Pale Baby Blue**
  Ice faces (light), ice floe (dark)
- **9 DMC 598 Light Turquoise** Ice faces (middle)
- **10 DMC 3756 Ultra Very Light Baby Blue**
  Ice floe (middle)
- **11 DMC BLANC White**
  Mother bear and cub (shade 7 of 7), ice floe (light), ice edge and 3 more parts
- **12 DMC 3746 Dark Blue Violet**
  Mother bear and cub (shade 2 of 7), shadows on the ice
- **13 DMC 32 Dark Blueberry**
  Mother bear and cub (shade 1 of 7)
- **14 DMC 341 Light Blue Violet**
  Mother bear and cub (shade 3 of 7), nose lights
- **15 DMC 3799 Very Dark Pewter Gray**
  Noses, claws and mouths, eyes (darker)
- **16 DMC 712 Cream** Mother bear and cub (shade 6 of 7)
- **17 DMC 3747 Very Light Blue Violet**
  Mother bear and cub (shade 5 of 7)
- **18 DMC 801 Dark Coffee Brown** Eyes (lighter)

Three ways onto dark fabric

1. **Light shines through it**
   Lay page 3 on a bright light box, tape the fabric over it and trace the lines with a white marking pencil or pen.
2. **No light shines through**
   Print page 3 on a sticky wash-away sheet, smooth it onto fabric that can be washed, stitch through both and rinse it away.
3. **White or yellow carbon paper**
   Lay it colored side down on the fabric with page 3 on top, tape the layers and trace firmly with a ballpoint pen. Go over a faint line with a white pencil.

Page 3 is the pattern at actual size (page 4 is its mirror, for an iron-on pen on a light fabric). Print it at 100% with scaling turned off. Then put the fabric in the hoop: inner ring under, drawing up, tight as a drum.

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6 inch hoop

How to read it

Floss is six strands. Cut 18 inches (45 cm), pull out the number given one at a time, and lay them together.

Inside a filled shape start with two or three tiny stitches, which the filling covers. Start a line with a small knot on the back. End each thread by running the needle under the backs of a few stitches.

Each small ring is one French knot. A fine broken line inside a shape is where two shades meet: trace it, do not stitch it.

A number on the picture is a color of the list of floss on page 1. The fine lines on the colors show which way the stitches lie.

Every stitch in pictures: flossfield.com/embroidery/stitches. The first time: flossfield.com/embroidery/guides/how-to-start.



1	DMC 3765 Very Dark Peacock Blue	**7**	DMC 369 Very Light Pistachio Green	**13**	DMC 32 Dark Blueberry
2	DMC 333 Very Dark Blue Violet	**8**	DMC 3841 Pale Baby Blue	**14**	DMC 341 Light Blue Violet
3	DMC 208 Very Dark Lavender	**9**	DMC 598 Light Turquoise	**15**	DMC 3799 Very Dark Pewter Gray
4	DMC 3851 Light Bright Green	**10**	DMC 3756 Ultra Very Light Baby Blue	**16**	DMC 712 Cream
5	DMC 959 Medium Seagreen	**11**	DMC BLANC White	**17**	DMC 3747 Very Light Blue Violet
6	DMC 955 Light Nile Green	**12**	DMC 3746 Dark Blue Violet	**18**	DMC 801 Dark Coffee Brown

How many strands

Satin stitch. 2 strands: eyes, noses; 1 strand: reflections.
Straight stitch. 2 strands: claws; 1 strand: northern lights, nose lights, star rays.
Split stitch. 2 strands: curtain hem, ice edge; 1 strand: mother bear, eyes, mouths, cub.
French knot. 1 or 2 strands: stars; 1 strand: eye lights.

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6 inch hoop

Print at 100% and check the square below with a ruler. Fold the fabric in four: the folds meet the four ticks of the ring.



1 in
25.4 mm

Check square: 1 inch (25.4 mm) on each side.
If it measures anything else, print again at 100% with scaling off.

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6 inch hoop

Mirrored. Trace this page with an iron-on transfer pen or pencil, then press it ink side down on the fabric.



1 in
25.4 mm

Check square: 1 inch (25.4 mm) on each side.
If it measures anything else, print again at 100% with scaling off.

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