Steampunk submarine in the deep

Sized for a 6 inch hoop (15 cm). The stitched design is about 4.8 × 4.8 in (12.2 × 12.2 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. **Fishbone stitch**, 2 strands
   Plum kelp, teal kelp
2. **Long and short stitch**, 1 strand
   Sea bed, octopus arms, tail fan, rudder, back fin, tower, copper plates, verdigris belly, bow, side fin, octopus head, near mound, far mound
3. **Satin stitch**, 2 strands
   Periscope, periscope glass, tower bands, pipe collars, bow ring, window frame, window, lamp bracket, lamp, lamp glass, octopus eyes, and 2 more
4. **Stem stitch**, strands by part on page 2
   Ring, plum kelp stems, teal kelp stems, tail fan ribs, rudder ribs, back fin ribs, belly line, window bars, window edge, side fin ribs, and 2 more
5. **Split stitch**, 1 to 2 strands
   Lamp rays, seams
6. **Couching**, 6 strands
   Pipes
7. **Chain stitch**, 2 strands
   Mound bands
8. **Back stitch**, 2 strands
   Bubbles
9. **French knot**
   strands by part on page 2, two wraps
   Suckers, tail fan tips, rudder tips, back fin tips, rivets, side fin tips, eye lights, octopus spots, mound knots

Floss

- **1 DMC 3848 Medium Teal Green**
  Ring, side fin (middle), sea bed and verdigris belly (lighter) and 6 more parts
- **2 DMC 402 Very Light Mahogany**
  Copper plates, tower and bow (lightest), window and lamp rays (middle) and 3 more parts
- **3 DMC 922 Light Copper**
  Copper plates, bow and tower (light), lamp rays and window (dark), little fish (darker)
- **4 DMC 3856 Ultra Very Light Mahogany**
  Lamp rays (light), suckers
- **5 DMC 3835 Medium Grape**
  Octopus arms, plum kelp and octopus head (middle), near mound (lighter), plum kelp stems
- **6 DMC 3836 Light Grape**
  Octopus head, octopus arms and plum kelp (light) and 3 more parts
- **7 DMC 3834 Dark Grape**
  Plum kelp, octopus head and octopus arms (dark), octopus eye rims, near mound (darker)
- **8 DMC 3808 Ultra Very Dark Turquoise**
  Sea bed and verdigris belly (darker), back fin, teal kelp, rudder and side fin (dark)
- **9 DMC 3813 Light Blue Green**
  Teal kelp, back fin and side fin (light), far mound (lighter), bubbles and 3 more parts
- **10 DMC 783 Medium Topaz**
  Tail fan and bow ring (middle), side fin ribs and back fin ribs and 9 more parts
- **11 DMC 829 Very Dark Golden Olive**
  Window frame (darker), tail fan ribs, bow ring and tail fan (dark) and 7 more parts
- **12 DMC 3822 Light Straw**
  Bow ring, window, tail fan and pipes (light), rivets (lighter) and 9 more parts
- **13 DMC 918 Dark Red Copper**
  Bow (dark), tower and copper plates (darkest)
- **14 DMC 920 Medium Copper**
  Copper plates and tower (dark), bow (middle)
- **15 DMC 3857 Dark Rosewood**
  Bow (darkest), seams, window edge and octopus pupils

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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Steampunk submarine in the deep

6 inch hoop

How to read it

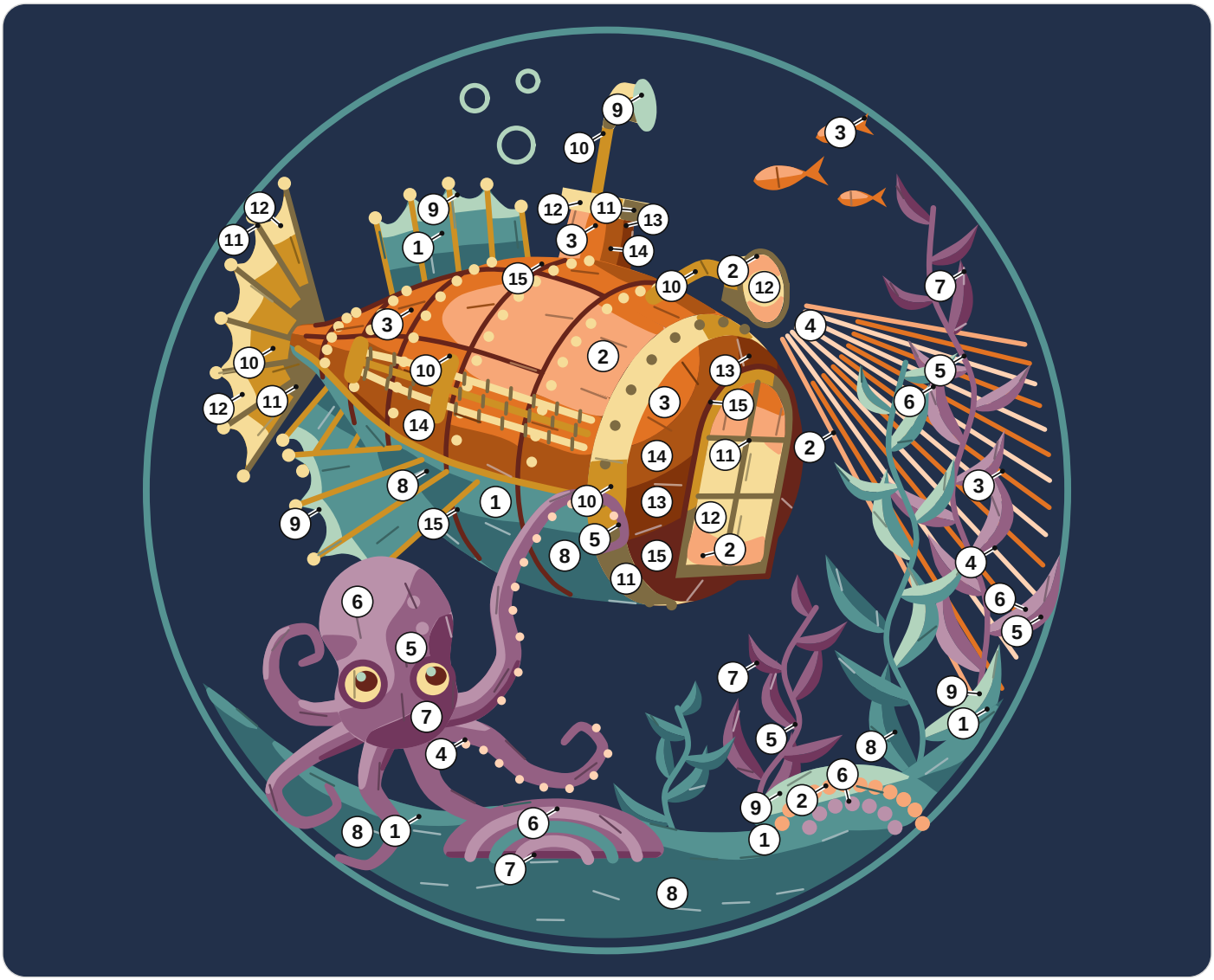
Floss is six strands. Cut 18 inches (45 cm), pull out the number given one at a time, and lay them together.

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 3848 Medium Teal Green	**6**	DMC 3836 Light Grape	**11**	DMC 829 Very Dark Golden Olive
2	DMC 402 Very Light Mahogany	**7**	DMC 3834 Dark Grape	**12**	DMC 3822 Light Straw
3	DMC 922 Light Copper	**8**	DMC 3808 Ultra Very Dark Turquoise	**13**	DMC 918 Dark Red Copper
4	DMC 3856 Ultra Very Light Mahogany	**9**	DMC 3813 Light Blue Green	**14**	DMC 920 Medium Copper
5	DMC 3835 Medium Grape	**10**	DMC 783 Medium Topaz	**15**	DMC 3857 Dark Rosewood

How many strands

Stem stitch. 3 strands: ring, belly line, octopus eye rims; 2 strands: plum kelp stems, teal kelp stems, tail fan ribs, rudder ribs, back fin ribs, window bars, window edge, side fin ribs, lamp rim.
French knot. 2 strands: tail fan tips, rudder tips, back fin tips, side fin tips, octopus spots, mound knots; 1 strand: suckers, rivets, eye lights.

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Steampunk submarine in the deep

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

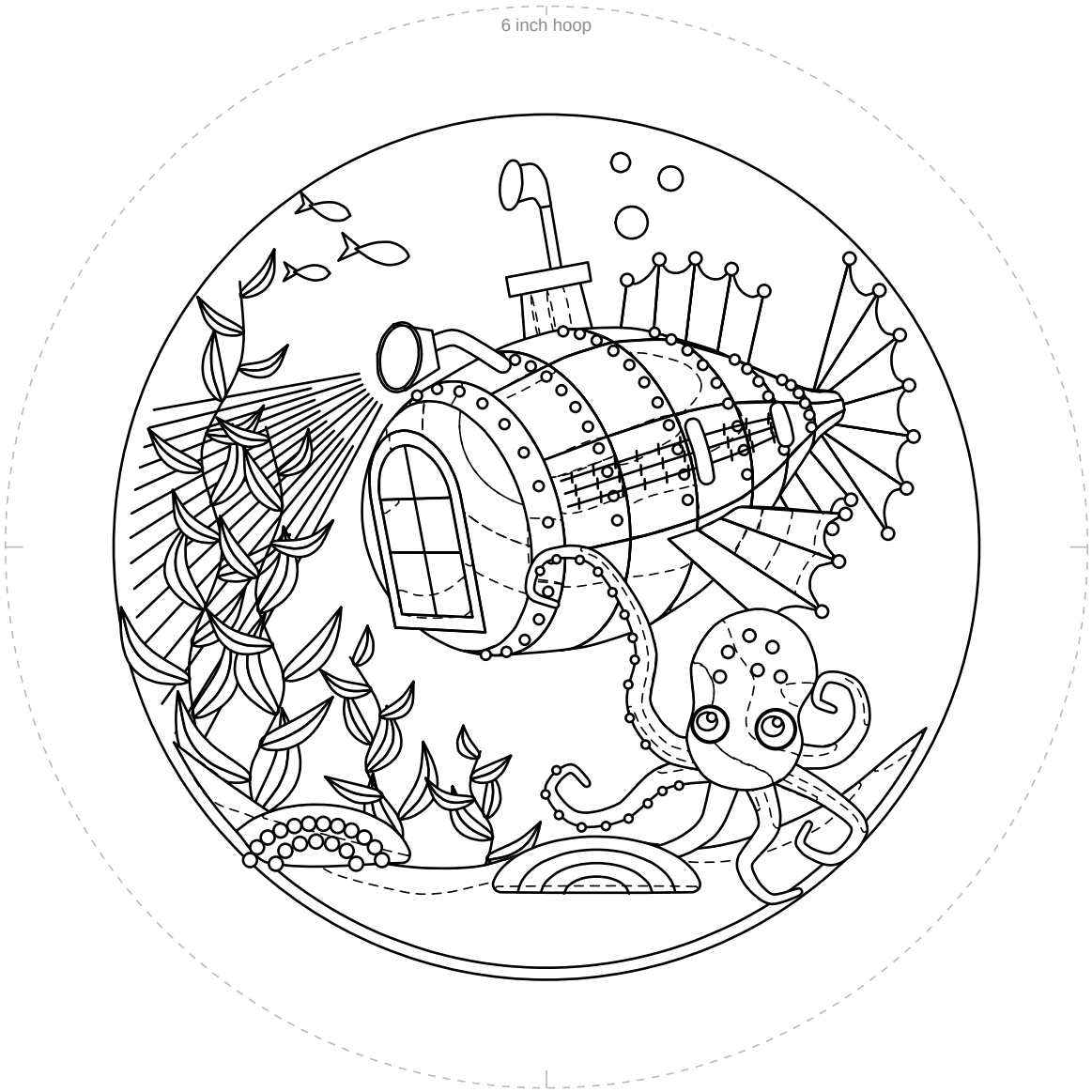
Check square: 1 inch (25.4 mm) on each side.
If it measures anything else, print again at 100% with scaling off.

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Steampunk submarine in the deep

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.
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