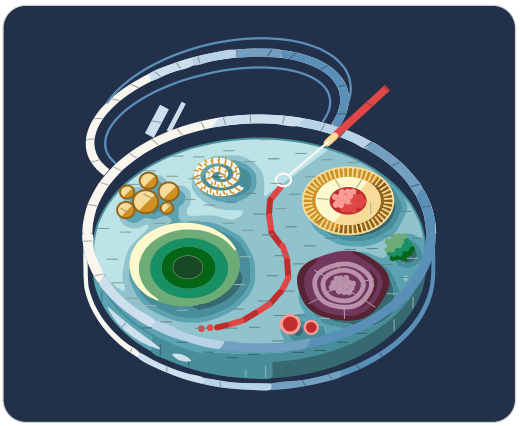
Petri dish of germs stitch sampler

Sized for a 6 inch hoop (15 cm). The stitched design is about 4.6 × 4.6 in (11.7 × 11.7 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, knots and raised parts.

1. **Long and short stitch**, 1 strand
   Lid rim, agar side, agar, dish rim, rippled colony
2. **Satin stitch**, 2 strands
   Lid glints, glass base, wall glints, gold ring colony, loop handle, handle collar
3. **Blanket stitch**, 2 strands
   Gold ring colony edge
4. **Padded satin stitch**, 2 strands
   Gold ring colony, gold ring colony heart, golden domes
5. **Stem stitch**, 2 strands
   Lid wall, lid inner line, wire loop
6. **Split stitch**, strands by part on page 2
   Agar edge, golden dome edges
7. **Chain stitch**, 3 strands
   Rippled colony rows
8. **Couching**, 6 strands
   Couched coil
9. **French knot**, 2 strands, two wraps
   Gold ring colony heart, rippled colony heart, knotted mound, rod streak end
10. **Turkey work**, 2 strands
    Green mold
11. **Woven wheel stitch**, 4 strands
    Woven colonies

Floss

- **1 DMC 3865 Winter White**
  Dish rim, lid rim and glass base (lightest), couched coil (lighter), wire loop
- **2 DMC 322 Dark Baby Blue**
  Dish rim, glass base and lid rim (darkest), lid inner line and lid wall
- **3 DMC 334 Medium Baby Blue** Dish rim, glass base and lid rim (dark)
- **4 DMC 3325 Light Baby Blue** Dish rim, glass base and lid rim (middle)
- **5 DMC 3841 Pale Baby Blue**
  Dish rim, glass base and lid rim (light), lid glints and wall glints
- **6 DMC 3808 Ultra Very Dark Turquoise** Agar (darkest), agar side (dark)
- **7 DMC 3810 Dark Turquoise** Agar (dark), agar edge, agar side (middle)
- **8 DMC 597 Turquoise** Agar (middle), agar side (light)
- **9 DMC 598 Light Turquoise** Agar (light)
- **10 DMC 3811 Very Light Turquoise** Agar (lightest)
- **11 DMC 913 Medium Nile Green** Green mold and knotted mound (light)
- **12 DMC 890 Ultra Dark Pistachio Green** Green mold (darkest)
- **13 DMC 699 Green** Green mold and knotted mound (dark)
- **14 DMC 911 Medium Emerald Green**
  Green mold and knotted mound (middle)
- **15 DMC 3078 Very Light Golden Yellow**
  Gold ring colony and green mold (lightest)
- **16 DMC 783 Medium Topaz**
  Gold ring colony (dark), couched coil and golden domes (darker)
- **17 DMC 780 Ultra Very Dark Topaz**
  Gold ring colony (darkest), golden dome edges
- **18 DMC 3822 Light Straw**
  Gold ring colony edge, golden domes (lighter) and 2 more parts
- **19 DMC 347 Very Dark Salmon**
  Gold ring colony heart (dark), woven colonies and rod streak (darker)
- **20 DMC 350 Medium Coral**
  Loop handle and rod streak end, gold ring colony heart (middle), rod streak (lighter)
- **21 DMC 352 Light Coral**
  Woven colonies (lighter), gold ring colony heart (light)
- **22 DMC 3834 Dark Grape**
  Rippled colony (lighter), rippled colony rows (darker)
- **23 DMC 154 Very Dark Grape** Rippled colony (darker)
- **24 DMC 3836 Light Grape**
  Rippled colony rows (lighter), rippled colony heart

Stitches, continued

12. **Bullion knot**, 4 strands
    Rod streak

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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Petri dish of germs stitch sampler

6 inch hoop

How to read it

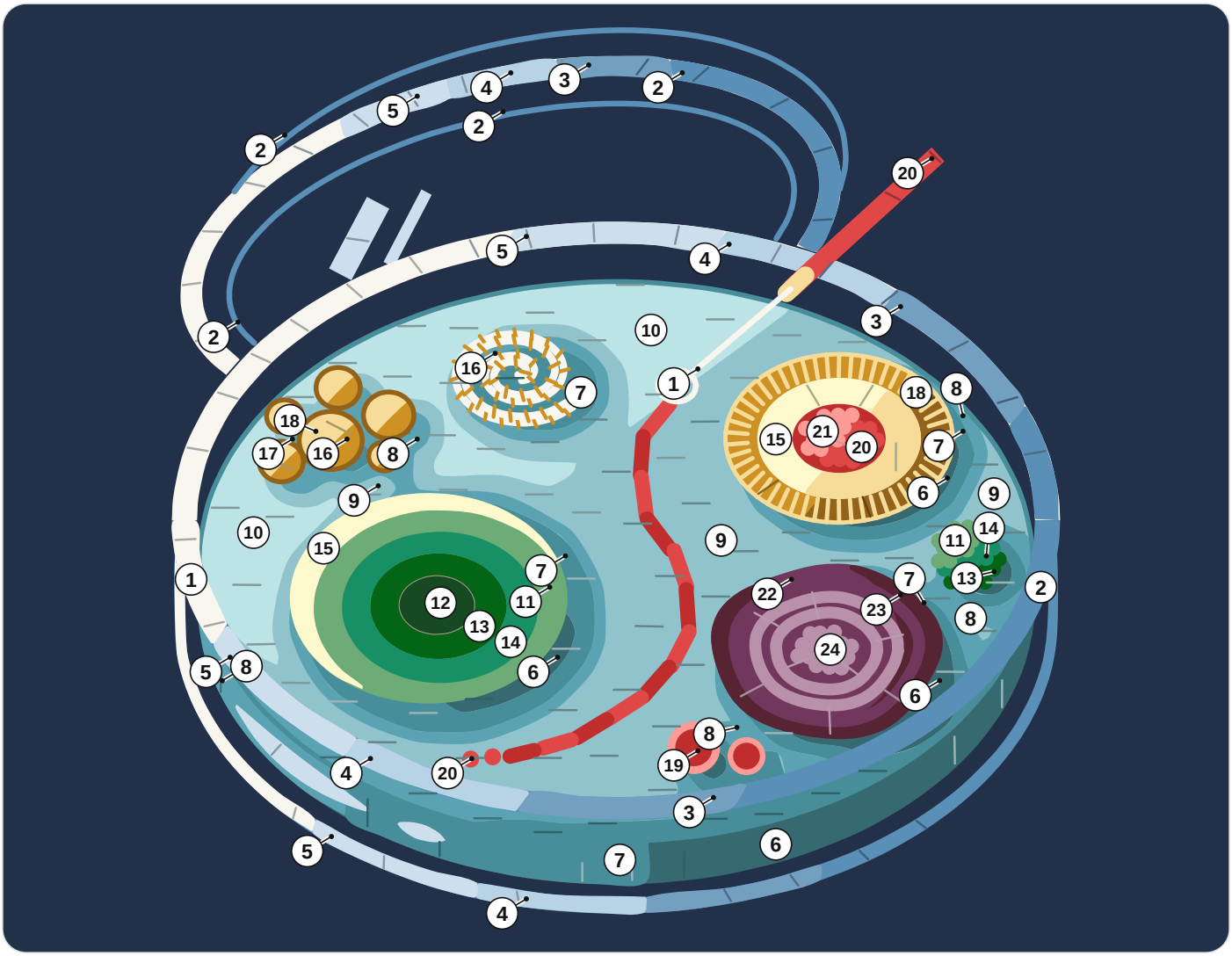
Floss is six strands. Cut 18 inches (45 cm), pull out the number given one at a time, and lay them together.

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 3865 Winter White	9	DMC 598 Light Turquoise	17	DMC 780 Ultra Very Dark Topaz
2	DMC 322 Dark Baby Blue	10	DMC 3811 Very Light Turquoise	18	DMC 3822 Light Straw
3	DMC 334 Medium Baby Blue	11	DMC 913 Medium Nile Green	19	DMC 347 Very Dark Salmon
4	DMC 3325 Light Baby Blue	12	DMC 890 Ultra Dark Pistachio Green	20	DMC 350 Medium Coral
5	DMC 3841 Pale Baby Blue	13	DMC 699 Green	21	DMC 352 Light Coral
6	DMC 3808 Ultra Very Dark Turquoise	14	DMC 911 Medium Emerald Green	22	DMC 3834 Dark Grape
7	DMC 3810 Dark Turquoise	15	DMC 3078 Very Light Golden Yellow	23	DMC 154 Very Dark Grape
8	DMC 597 Turquoise	16	DMC 783 Medium Topaz	24	DMC 3836 Light Grape

How many strands

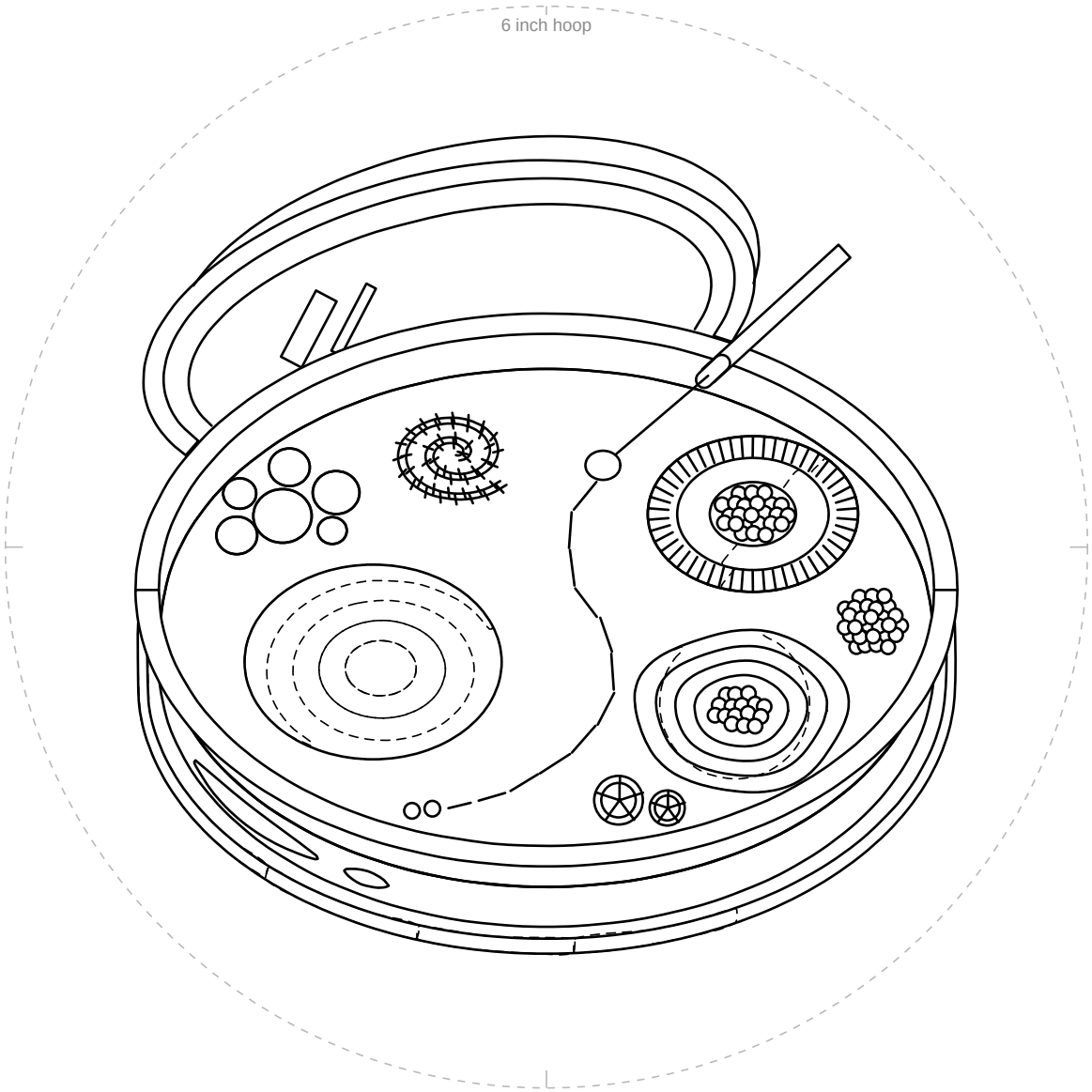
Split stitch. 2 strands: golden dome edges; 1 strand: agar edge.

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Petri dish of germs stitch sampler

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

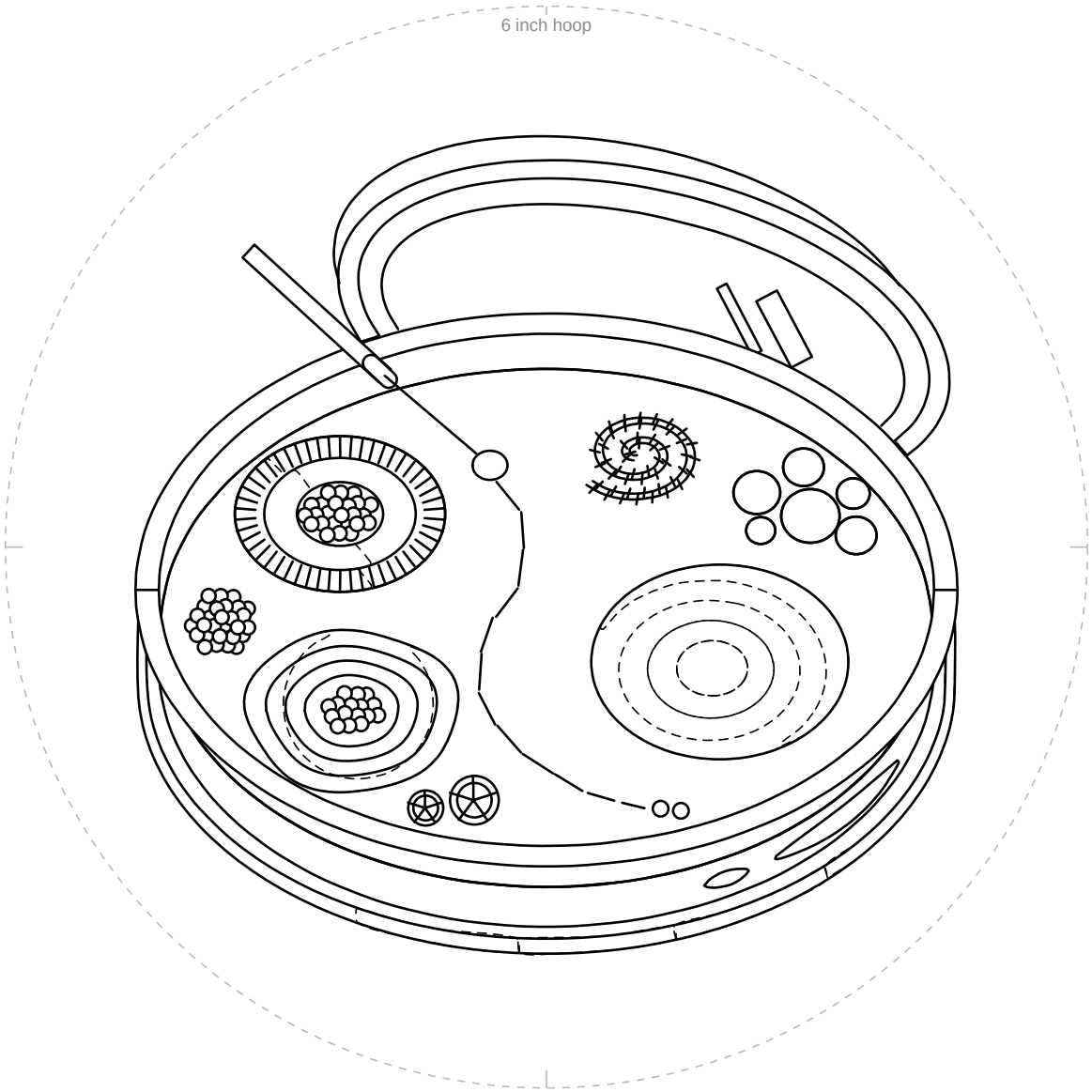
Check square: 1 inch (25.4 mm) on each side.
If it measures anything else, print again at 100% with scaling off.

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Petri dish of germs stitch sampler

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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