Neuron with flowers

Sized for a 6 inch hoop (15 cm). The stitched design is about 4.3 × 4.5 in (10.9 × 11.4 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. **Satin stitch**, 2 strands
   Dendrites, cell body rim, nucleus, leaves, flower cups, pale buds
2. **Trellis stitch**, 1 strand
   Trellis rim, open leaves
3. **Long and short stitch**
   strands by part on page 2
   Cell body, sheaths, coral bells, rose petals
4. **Padded satin stitch**, 2 strands
   Nucleus
5. **Fishbone stitch**, 2 strands
   Leaves, flower cups
6. **Whipped back stitch**, 4 strands
   Axon, branches
7. **Stem stitch**, strands by part on page 2
   Cell body edge, nucleus edge, branches, leaf edges, leaf veins
8. **Straight stitch**, strands by part on page 2
   Glow, stamens, sprig stalks
9. **Split stitch**, 1 strand
   Bell edges, rose edges
10. **French knot**, 2 strands, two wraps
    Nucleus heart, flower cups knots, stamen tips, knot sprigs

In a 6 inch hoop the French knots are drawn smaller than about 2 mm (a little over 1/16 in). Use one strand of floss for them there, or choose a larger hoop.

Floss

- **1 DMC 762 Very Light Pearl Gray**
  Dendrites (lightest), pale buds and knot sprigs (lighter), nucleus heart
- **2 DMC 415 Pearl Gray** Dendrites (light)
- **3 DMC 209 Dark Lavender**
  Cell body (darker), dendrites (darkest)
- **4 DMC 211 Light Lavender**
  Cell body (lighter), trellis rim (darker), cell body edge, dendrites (dark)
- **5 DMC 783 Medium Topaz**
  Axon, nucleus and branches (darker)
- **6 DMC 3822 Light Straw**
  Branches and axon (lighter), knot sprigs (darker), sprig stalks and 8 more parts
- **7 DMC 29 Eggplant** Cell body rim
- **8 DMC 597 Turquoise** Sheaths (dark), leaves (middle)
- **9 DMC 3810 Dark Turquoise**
  Sheaths (darkest), leaves (dark), flower cups (darker)
- **10 DMC 598 Light Turquoise**
  Sheaths (light), open leaves (darker), flower cups (lighter) and 3 more parts
- **11 DMC 747 Very Light Sky Blue** Sheaths (lightest)
- **12 DMC 352 Light Coral** Coral bells (middle)
- **13 DMC 350 Medium Coral**
  Coral bells (dark), bell edges
- **14 DMC 353 Peach**
  Coral bells and rose petals (light), pale buds (darker)
- **15 DMC 3688 Medium Mauve** Rose petals (middle)
- **16 DMC 3803 Dark Mauve**
  Rose petals (dark), rose edges

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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Neuron with flowers

6 inch hoop

How to read it

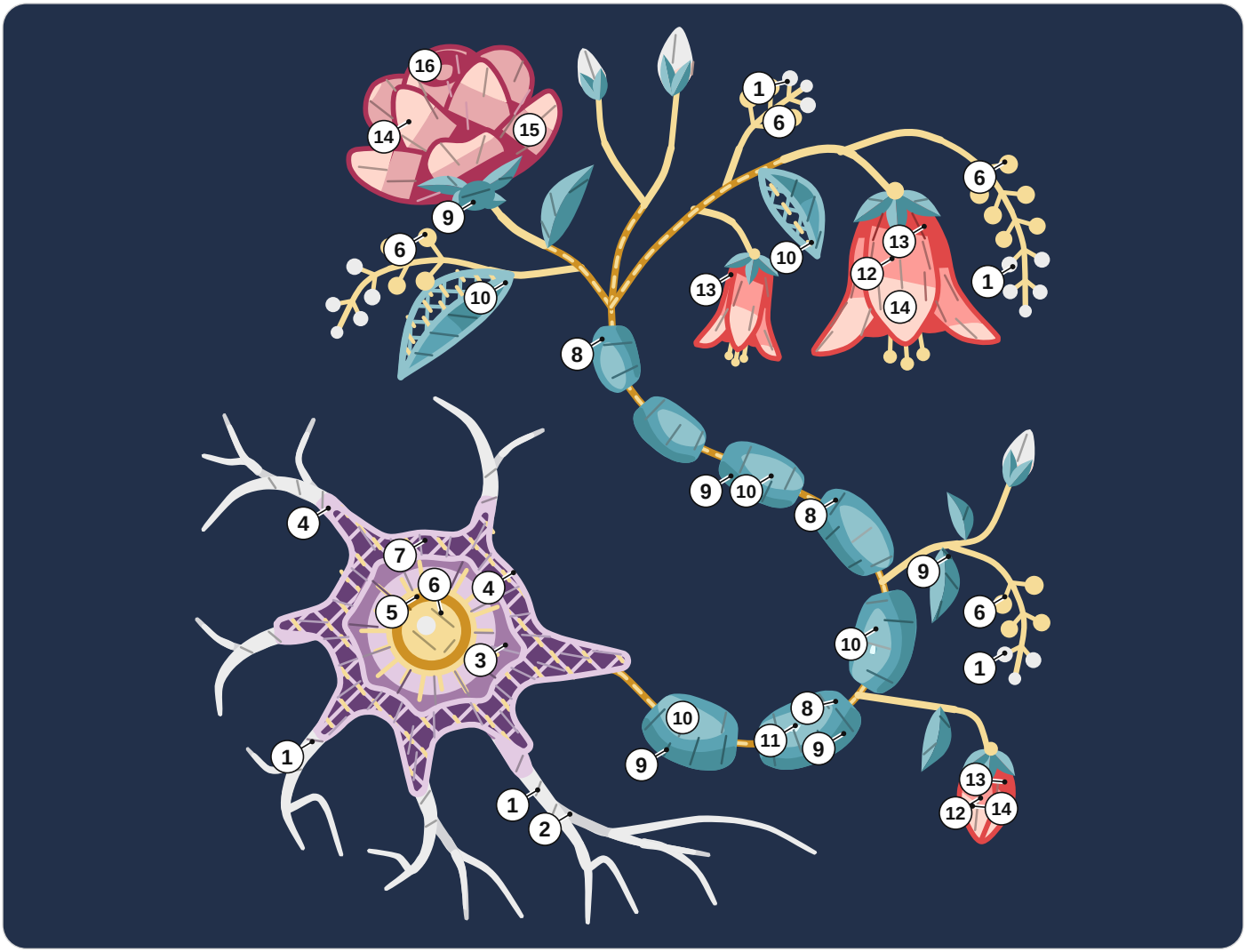
Floss is six strands. Cut 18 inches (45 cm), pull out the number given one at a time, and lay them together.

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 dashed line is whipped back stitch. 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 762 Very Light Pearl Gray	**7**	DMC 29 Eggplant	**13**	DMC 350 Medium Coral
2	DMC 415 Pearl Gray	**8**	DMC 597 Turquoise	**14**	DMC 353 Peach
3	DMC 209 Dark Lavender	**9**	DMC 3810 Dark Turquoise	**15**	DMC 3688 Medium Mauve
4	DMC 211 Light Lavender	**10**	DMC 598 Light Turquoise	**16**	DMC 3803 Dark Mauve
5	DMC 783 Medium Topaz	**11**	DMC 747 Very Light Sky Blue		
6	DMC 3822 Light Straw	**12**	DMC 352 Light Coral		

How many strands

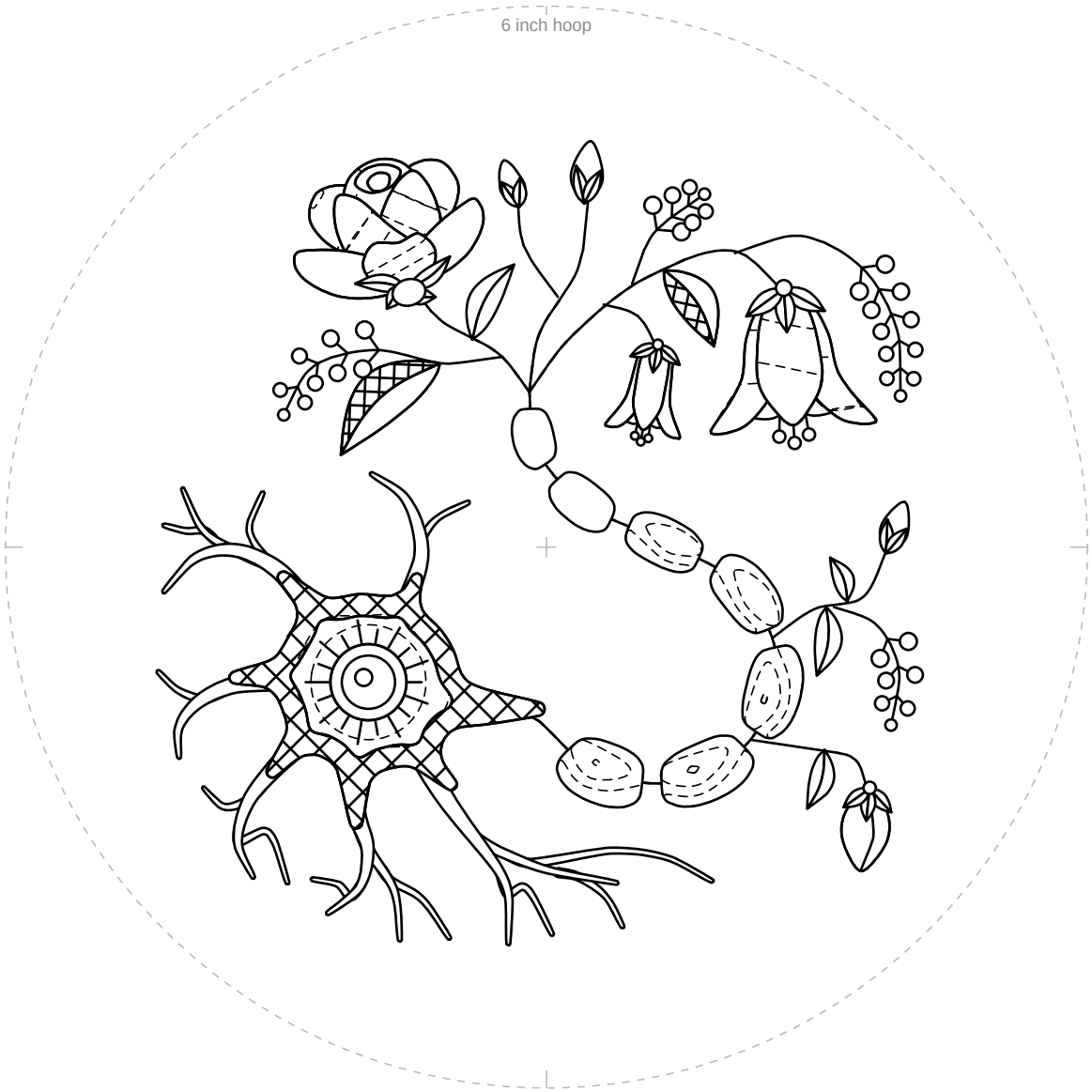
Long and short stitch. 2 strands: sheaths; 1 strand: cell body, coral bells, rose petals.
Stem stitch. 1 to 4 strands: branches; 2 strands: nucleus edge, leaf edges, leaf veins; 1 or 2 strands: cell body edge.
Straight stitch. 2 strands: stamens; 1 strand: glow, sprig stalks.

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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

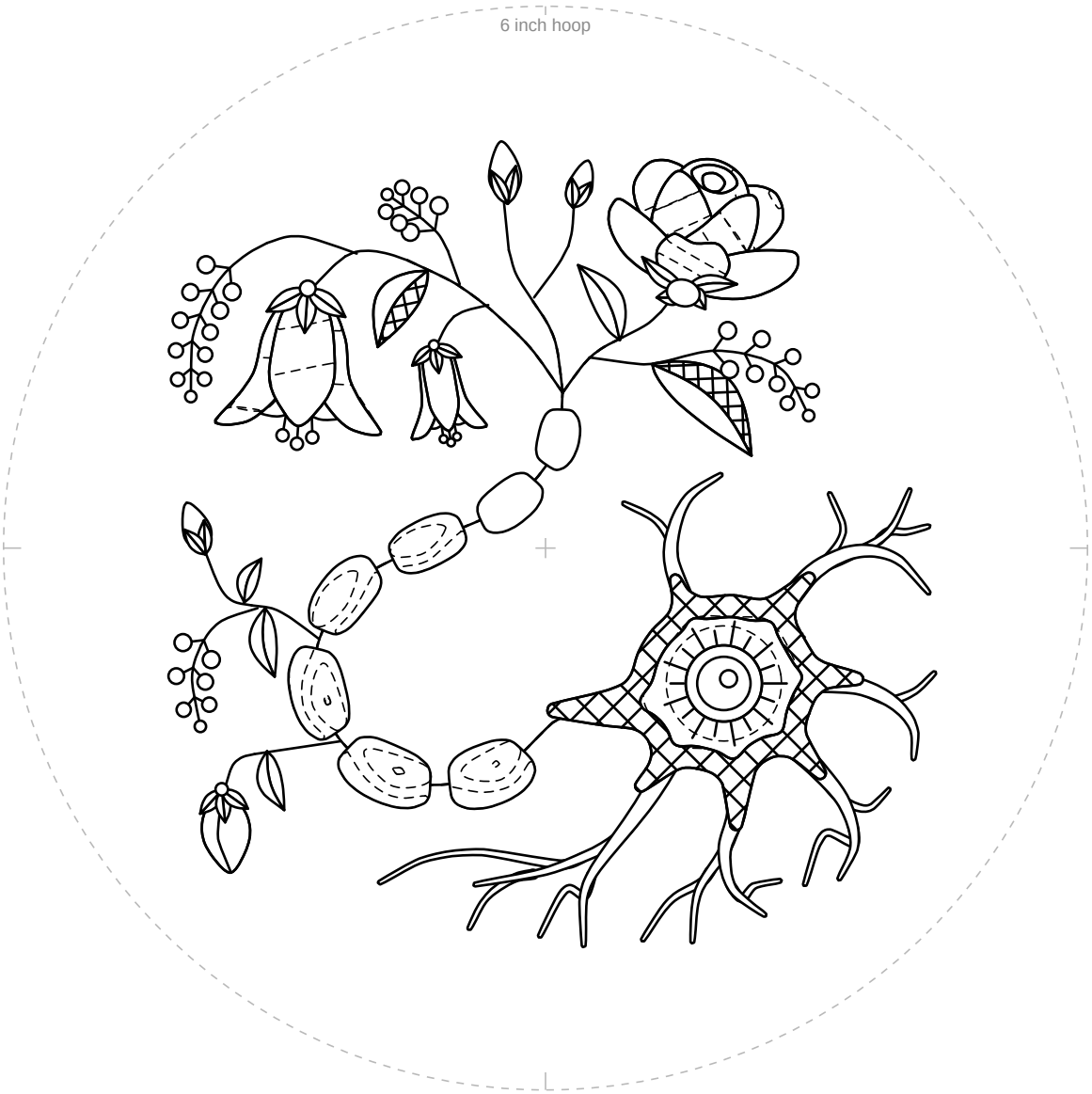
Check square: 1 inch (25.4 mm) on each side.
If it measures anything else, print again at 100% with scaling off.

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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.
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