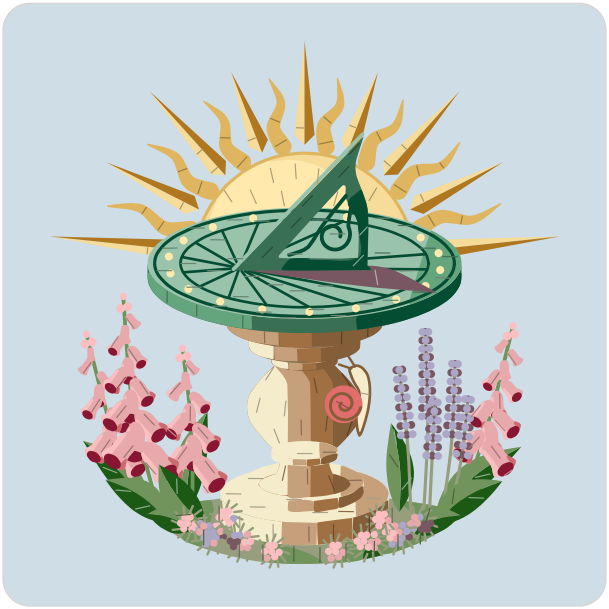
Sundial with sun rays

6 inch (15 cm) hoop, 4.8 × 5 in (12.2 × 12.7 cm)



Colors by number: page 2.
Fabric: pale blue cotton or linen.

What you need

A 6 inch (15 cm) hoop.

A 9 inch (23 cm) square of pale blue cotton or linen.

An embroidery needle, size 9.

22 colors of floss (page 2): one skein of each color (an estimate from the drawing's lines and shapes).

A water-soluble pen, and small scissors.

Onto the fabric

Fabric you can see through: page 3 taped to a sunny window, the fabric over it; trace.

Other fabric: dressmaker's carbon paper, colored side down, page 3 on top; trace with a ballpoint.

Iron-on pen: go over page 4, the mirrored page, and press it ink side down as the pen's packet says. The lines stay.

Then hoop it, inner ring under, tight as a drum.

How to read it

Floss has six strands: cut 18 inches (45 cm), pull out the number named one at a time, and lay them together.

Start a filling with tiny stitches, a line with a small knot; end under stitches on the back.

Every stitch in pictures: flossfield.com/embroidery/stitches.

New to this: flossfield.com/embroidery/guides/how-to-start.

Stitch in this order

Where a stitch page says otherwise, follow this list.

1. **Stem stitch**
   3 strands: foxglove stems
   2 strands: lavender stems

2. **Long and short stitch**
   1 strand
   Sun, grass, stone plinth (color 8), stone moldings (color 8), stone baluster, stone capital (colors 8 and 9), dial plate



3. **Fishbone stitch**, 2 strands
   Foxglove leaves



4. **Satin stitch**, 2 strands
   Long rays, waving rays, stone plinth (color 8), stone moldings (colors 8 and 10), stone capital (color 10), dial edge, gnomon shadow, gnomon, foxglove bells, foxglove mouths, snail body



5. **Stem stitch**
   2 strands: sun edge, dial rings (color 13)
   3 strands: gnomon scroll, gnomon edge
   1 strand: lines of the snail shell

6. **Split stitch**, 1 strand
   Dial rings (color 13), hour lines

7. **Straight stitch**
   2 strands: thyme leaves
   1 strand: snail horns



8. **Back stitch**, 1 strand
   Edges of the snail body

9. **Padded satin stitch**, 2 strands
   Snail shell



10. **French knot**
    2 strands, two wraps
    Hour knots, foxglove buds, lavender, thyme



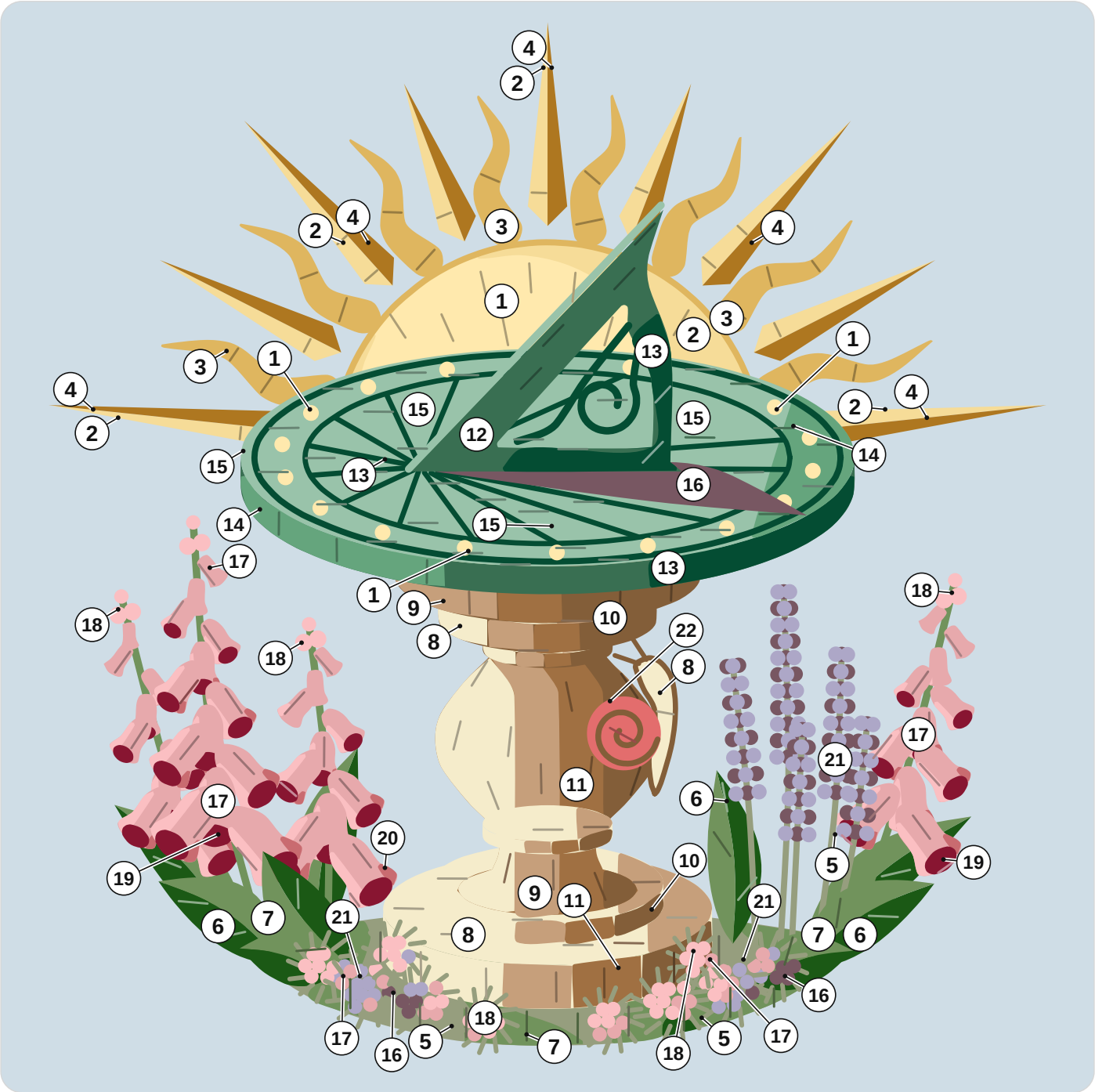
Take out lines that still show, press face down, finish the hoop or sew a pillow.

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Sundial with sun rays

6 inch hoop

A number is a color of the list. Fine lines show which way the stitches lie: do not stitch them.



1	DMC 745 Light Pale Yellow	9	DMC 422 Light Hazelnut Brown	17	DMC 3688 Medium Mauve
2	DMC 3822 Light Straw	10	DMC 869 Very Dark Hazelnut Brown	18	DMC 3689 Light Mauve
3	DMC 3820 Dark Straw	11	DMC 420 Dark Hazelnut Brown	19	DMC 3685 Very Dark Mauve
4	DMC 782 Dark Topaz	12	DMC 501 Dark Blue Green	20	DMC 3687 Mauve
5	DMC 522 Fern Green	13	DMC 500 Very Dark Blue Green	21	DMC 340 Medium Blue Violet
6	DMC 3345 Dark Hunter Green	14	DMC 3816 Celadon Green	22	DMC 3328 Dark Salmon
7	DMC 3347 Medium Yellow Green	15	DMC 3817 Light Celadon Green		
8	DMC 677 Very Light Old Gold	16	DMC 3740 Dark Antique Violet		

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Sundial with sun rays

6 inch hoop

Print at 100% and measure the square. Trace the black lines only. The gray ring is the hoop: fold the fabric in four and lay the folds on its ticks.

On the drawing a ring is one French knot: mark a dot; a broken line inside a shape is where two shades meet: trace it, do not stitch it.



1 in
25.4 mm

Not 1 inch (25.4 mm)? Print again at 100%.

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Sundial with sun rays

6 inch hoop

For an iron-on pen only. Go over the lines, press ink side down.



1 in
25.4 mm

Not 1 inch (25.4 mm)? Print again at 100%.

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