Caffeine molecule constellation

Sized for a 6 inch hoop (15 cm). The stitched design is about 5 × 5 in (12.7 × 12.7 cm).



Which color goes where.

Three ways to transfer the pattern

1. **Fabric you can see through**
   Tape page 2 to a sunny window or lay it on a light box, tape the fabric over it and trace the lines with a sharp pencil or a water-soluble pen.
2. **Fabric you cannot see through**
   Lay dressmaker's carbon paper colored side down on the fabric with page 2 on top, tape the layers and trace the lines firmly with a ballpoint pen.
3. **Iron-on**
   Go over the lines of page 3, the mirrored page, with an iron-on transfer pen, lay it ink side down on the fabric and press with a dry iron.

Pages 2 and 3 are the pattern at actual size. Print them at 100% with scaling turned off.

Floss

- **DMC 3822 Light Straw**
  Chart circle, crescent handle and hour stars, nitrogen stars (lighter) and 2 more parts
- **DMC 3325 Light Baby Blue**
  Star lines, steam (dark)
- **DMC 931 Medium Antique Blue**
  Saucer edge, cup (darkest)
- **DMC 3865 Winter White**
  Cup (lightest), saucer, steam and drifting stars (light), carbon stars and 2 more parts
- **DMC 3752 Very Light Antique Blue**
  Cup inside and cup shadow, cup and saucer (dark)
- **DMC 3753 Ultra Very Light Antique Blue**
  Saucer and drifting stars (middle), cup (light), small stars
- **DMC 783 Medium Topaz**
  Nitrogen stars (darker), gold band and handle edge
- **DMC 435 Very Light Brown**
  Crema
- **DMC 801 Dark Coffee Brown**
  Coffee
- **DMC 3841 Pale Baby Blue**
  Steam (middle)
- **DMC 921 Copper**
  Oxygen rays
- **DMC 3854 Medium Autumn Gold**
  Oxygen stars
- **DMC 3823 Ultra Pale Yellow**
  Oxygen lights

Stitches

- **Stem stitch**, 2 to 4 strands
  Chart circle, handle edge, gold band, cup rim
- **Satin stitch**, 2 strands
  Hour stars, saucer edge, cup shadow, crescent handle, cup inside, crema, coffee, steam, carbon stars, nitrogen stars, oxygen rays, and 4 more
- **French knot**, 1 to 2 strands, two wraps
  Hour knots, drifting stars
- **Back stitch**, 4 strands
  Star lines
- **Long and short stitch**, 1 strand
  Saucer, cup

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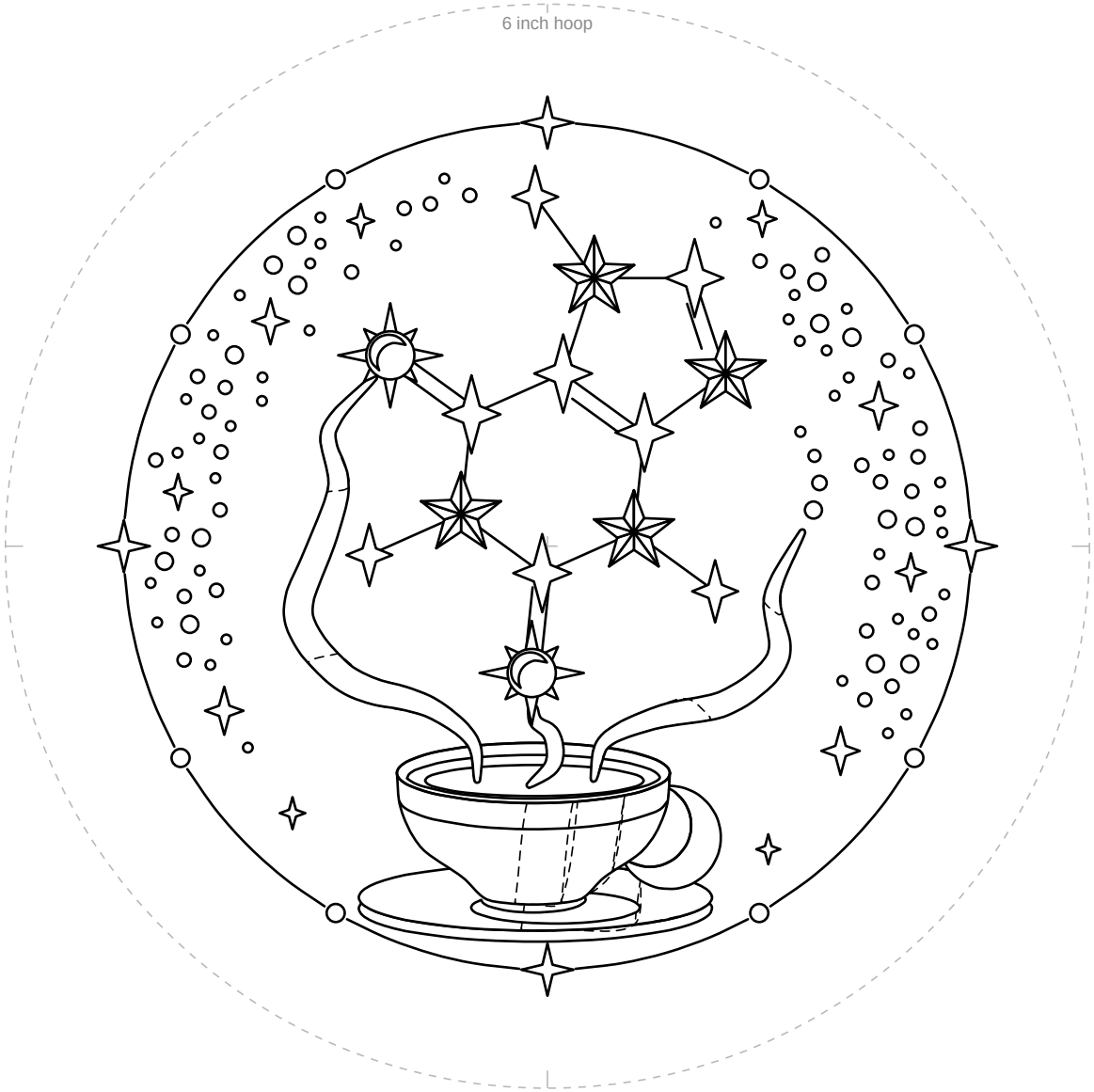
Caffeine molecule constellation

6 inch hoop

Print at 100% (actual size). Do not scale or fit to page. Check the square below with a ruler before you trace.



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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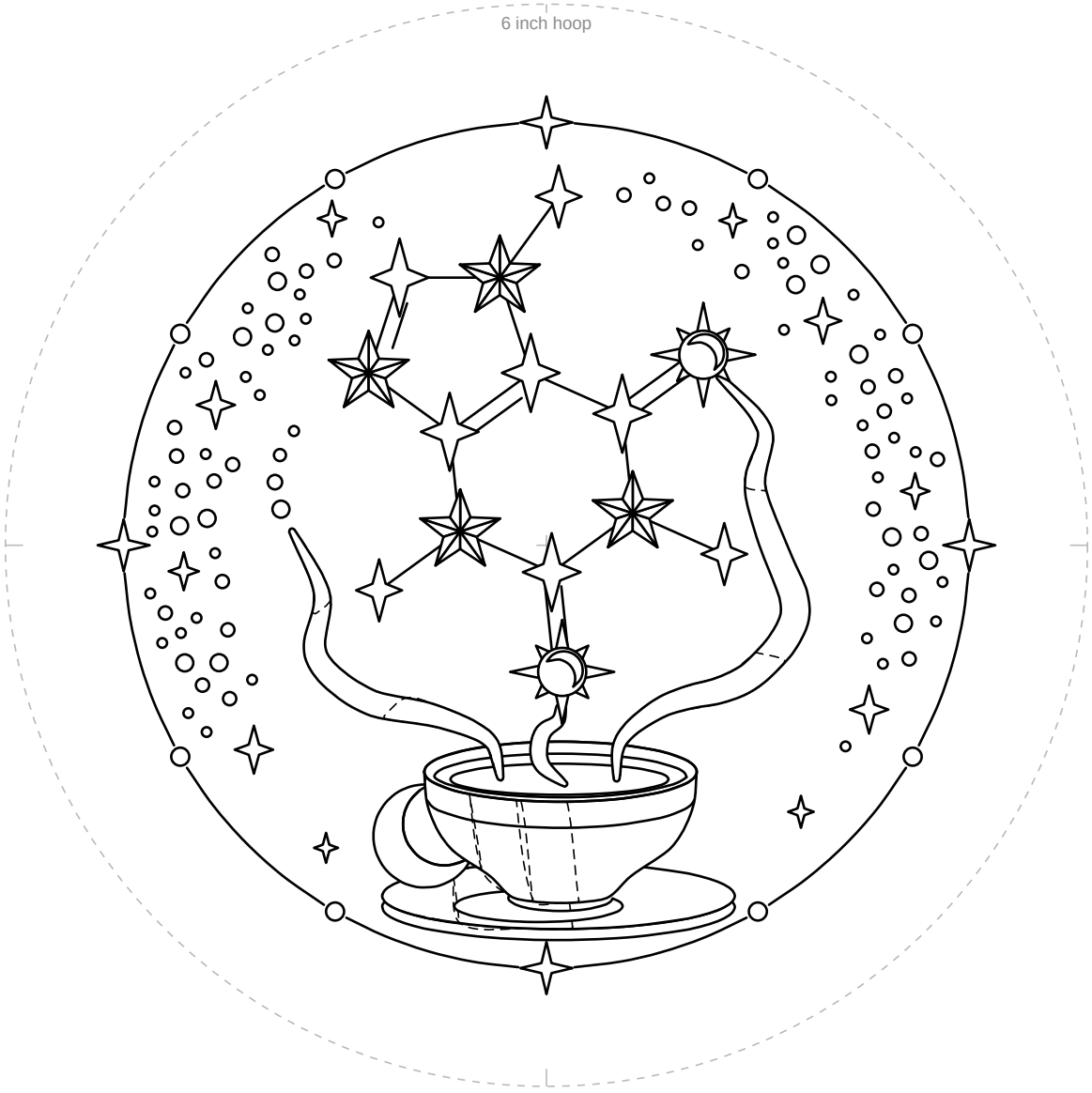
Caffeine molecule constellation

6 inch hoop

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



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