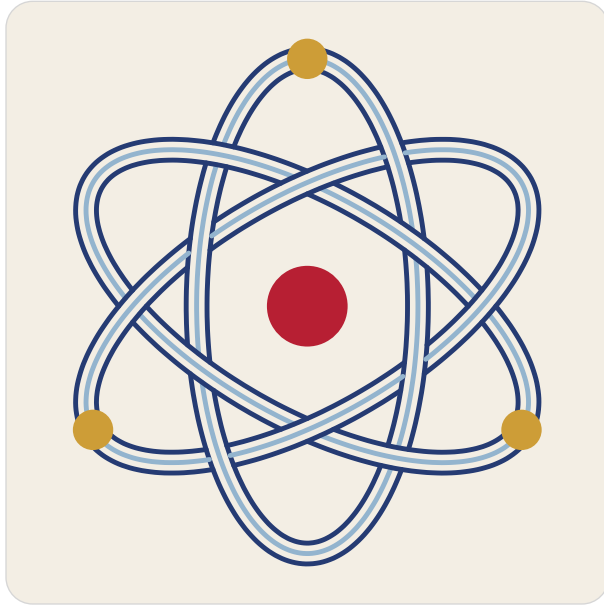


Atom with three orbits

Sized for a 6 inch hoop (15 cm). The stitched design is about 4 × 4.5 in (10.2 × 11.4 cm).



Which color goes where.

Floss

- DMC 336 Navy Blue**
Orbits
- DMC 3755 Baby Blue**
Middle lines of the orbits
- DMC 304 Medium Red**
Nucleus
- DMC 3852 Very Dark Straw**
Electrons

Stitches

- **Stem stitch**, 2 or 3 strands
Orbits
- **Chain stitch**, 2 or 3 strands
Middle lines of the orbits
- **Satin stitch**, 2 strands
Nucleus, electrons

In a 6 inch hoop the widest satin stitch shape is 11/16 in (17 mm) across. Satin stitches longer than about 12 mm (just under 1/2 in) tend to work loose: divide the shape into sections, or work it in long and short stitch.

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

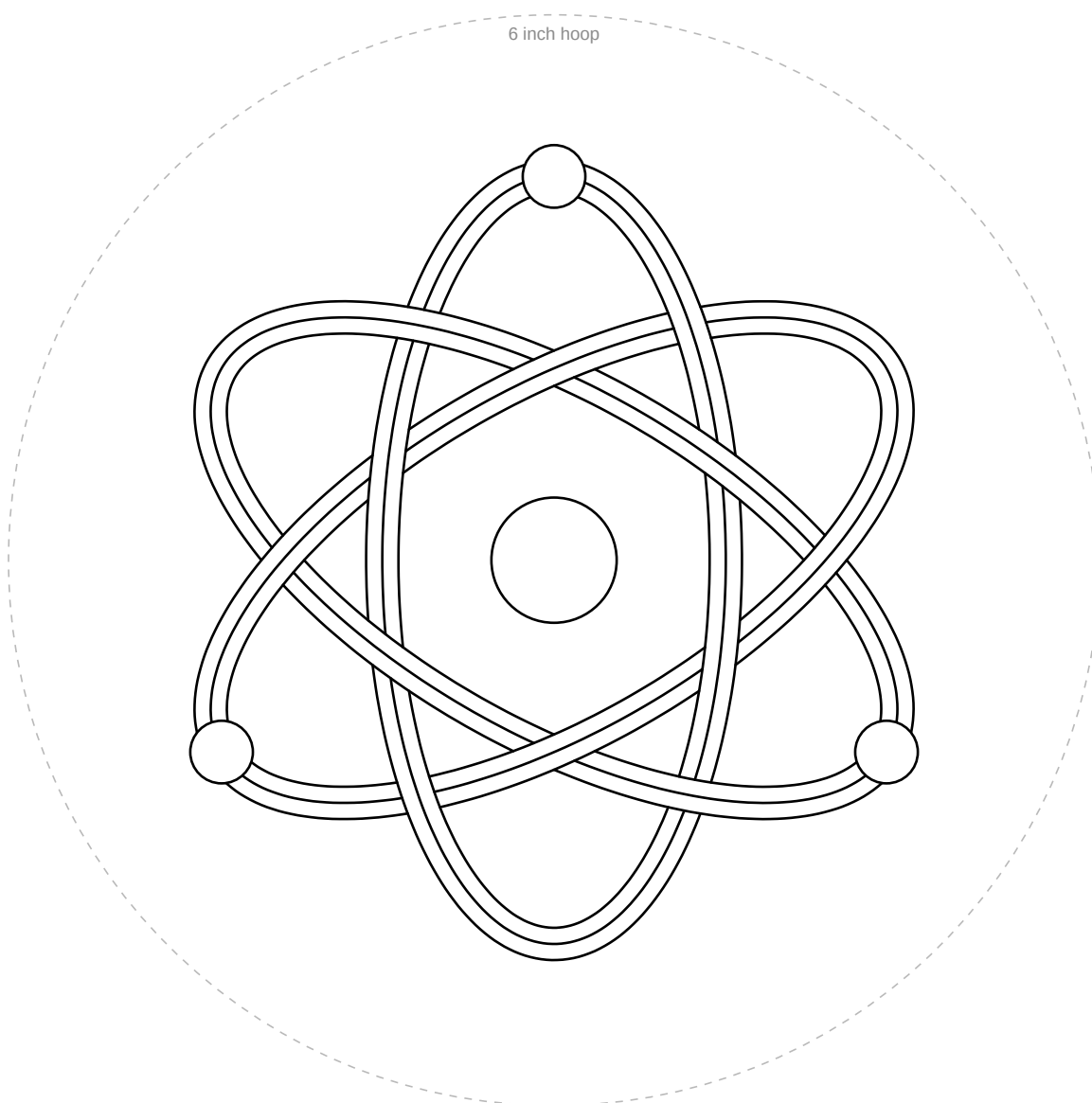
Go over the lines of page 3, the mirrored page, with an iron-on transfer pen, lay it ink side down on the fabric and press with a dry iron.

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

Atom with three orbits

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**

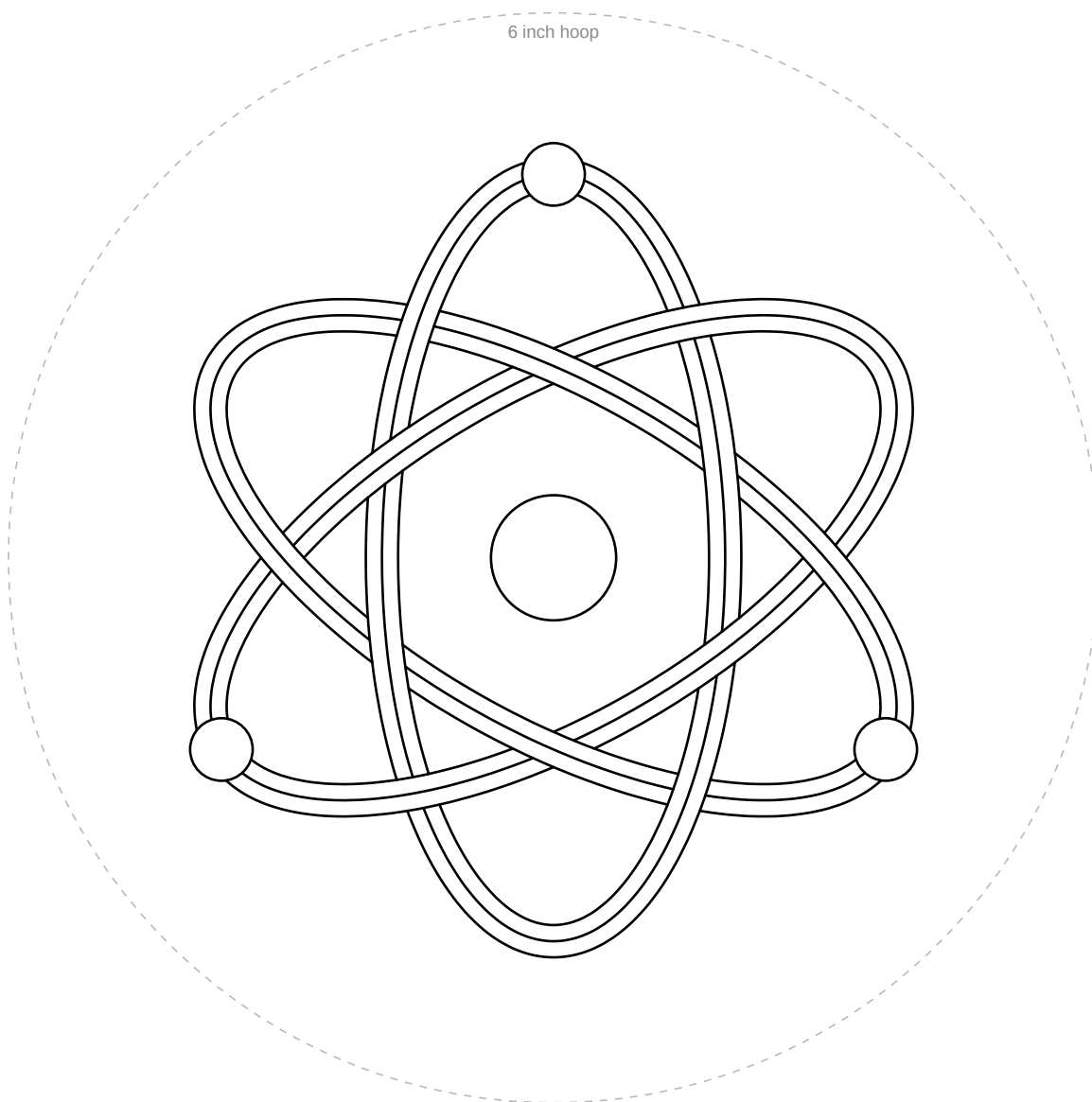
25.4 mm

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

Atom with three orbits

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.