# Mecha robot sketch in white

6 inch (15 cm) hoop, 4.6 × 4.9 in (11.7 × 12.4 cm)



Colors by number: page 2.
Fabric: teal cotton or linen.

## What you need

A 6 inch (15 cm) hoop.

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

Embroidery needles, size 9, and size 5 for 4 strands.

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

A white pencil, and small scissors.

## Onto the fabric

Fabric that lets light through: page 3 on a bright light, the fabric over it; trace with a white pencil.

Other fabric: print page 3 on a sticky wash-away sheet, stick it on, stitch through it and rinse it away.

Or white or yellow carbon paper, colored side down, page 3 on top; trace with a ballpoint and go over a faint line with a white pencil.

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. **Straight stitch**, 2 strands
   Bird legs



2. **Long and short stitch**, 1 strand
   Bird (color 11)



3. **Satin stitch**, 2 strands
   Sun ring, knee plate lights, forearm guard lights, forearm stripes, side skirt lights, front skirt lights, chest vents, chest core light, collar lights, shoulder plate lights, shoulder stripes, visor, crest light, pines, flying birds, bird (color 9)



4. **Back stitch**
   3 strands: thighs, arm blades, elbows, hips, rib plates, collar, under plates, antennas, ear guards, face plate, visor rim, crest
   1 strand: thigh shading, knee plates, knee plate shading, forearm guards, forearm guard shading, arm blade shading, waist shading, side skirts, side skirt shading, front skirts, front skirt shading, buckle, buckle shading, rib plate shading, chest plate shading, chest plates, chest core, under plate shading, shoulder plates, shoulder plate shading
   2 strands: fists, waist
   4 strands: helmet



5. **Stem stitch**, 4 strands
   Pine trunks



6. **Straight stitch**, 2 strands
   Bills



7. **French knot**, 1 strand, two wraps
   Bird eye



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



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**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 3823 Ultra Pale Yellow | **5** | DMC 927 Light Gray Green | **9** | DMC 347 Very Dark Salmon |
| **2** | DMC 783 Medium Topaz | **6** | DMC 3752 Very Light Antique Blue | **10** | DMC 351 Coral |
| **3** | DMC 3822 Light Straw | **7** | DMC 502 Blue Green | **11** | DMC 353 Peach |
| **4** | DMC BLANC White | **8** | DMC 504 Very Light Blue Green | **12** | DMC 3371 Black Brown |



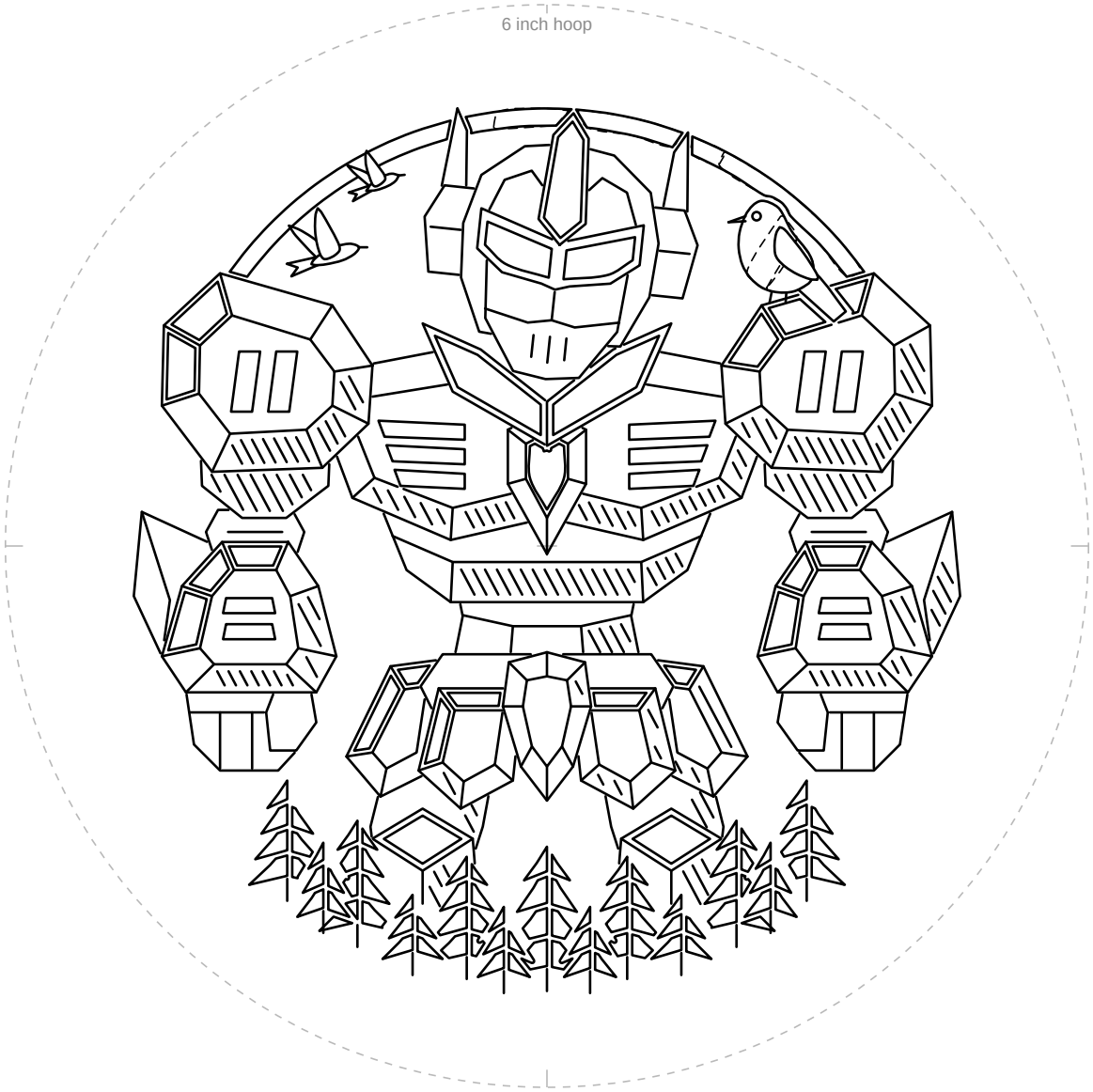
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**6 inch hoop**

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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