

One flower, four craft projects

Teaching prompts · ChatGPT + free Inkscape

Use your own artwork or artwork you have permission to adapt. These prompts teach you to direct and review the assistant. The assistant prepares the files; you check the design and physical samples.

Before starting

ChatGPT desktop app with Work or Codex and project file access; working free Inkscape. Enable Computer Use and permit Inkscape access for GUI operations. Command-line rendering and GUI control are different capabilities.

Inkscape download: <https://inkscape.org/release/>

Computer Use setup: <https://learn.chatgpt.com/docs/computer-use>

What is included

Editable colour, vinyl and stencil SVGs; notebook-front and card-outside SVGs; A4 and US Letter notebook, card and stencil PDFs. The notebook is a front only, not a full wrap. The card inside is blank. The stencil is a separately redrawn adaptation.

1. Check the setup

No artwork needed yet.

Copy this prompt

Locate a working Inkscape installation and report the version. Check your actual file, command-line and Computer Use access. Create a separate 50 mm square SVG and render a preview with Inkscape. Verify its dimensions. Do not overwrite existing work. If application-window access is unavailable, explain that specifically; do not claim to have operated the GUI.

What to check

A separate test SVG and a rendered preview; verified 50 mm square.

2. Assess the source

Attach your original flower image.

Copy this prompt

Keep my original unchanged. Assess it for four products: a coloured notebook front, a folded card, a one-colour vinyl transfer and a reusable stencil. Identify fine lines, small gaps and disconnected shapes. Suggest what can remain in print and what needs a separate cutting adaptation. Show a comparison before committing to major simplification.

What to check

A clear distinction between the detailed print design and the simpler cutting design.

3. Prepare the coloured master

Attach the original and the accepted coloured reference.

Copy this prompt

Prepare a true editable SVG with vector paths for the blue, cream and yellow areas. Preserve the composition and petal character. Do not just embed the JPEG in an SVG. Keep the original, save a new master, render it with Inkscape, and compare the whole image and enlarged edges. Report the actual method used.

What to check

An SVG with paths, a preview and an honest explanation of contour extraction versus redraw.

4. Make the notebook front

Attach Flower-Coloured-Vector.svg.

Copy this prompt

Prepare an A5 front-cover layout, exactly 148 by 210 mm. Fit the flower without stretching. Add a small NOTES label in a clear margin. This is only the front, not a wraparound cover. Export an editable SVG and A4 and US Letter actual-size PDFs with trim marks and a 50 mm calibration bar. Keep all important artwork inside the trim edge.

What to check

148 x 210 mm trimmed front; print and fit check still required.

5. Make the folded card

Attach Flower-Coloured-Vector.svg.

Copy this prompt

Prepare the outside of a card as a 210 by 148 mm flat layout. Fold at x=105 mm. Put the illustration on the right half, leave the left half plain, and preserve the image proportions. Leave the inside blank. Supply the SVG plus A4 and US Letter print sheets at actual size. Put trim marks and fold guides outside the finished artwork, and include a scale bar.

What to check

A 105 x 148 mm folded card; check a paper fold before production.

6. Prepare the vinyl version

Attach the accepted simplified motif and original for context.

Copy this prompt

Use the accepted simplified design for a single-colour vinyl SVG. Keep closed paths and remove stray specks. Set the flower motif itself to 170 mm wide; separately report the document dimensions. Verify the width after export. Preserve the accepted appearance. Explain that cutting, mirroring and pressing settings depend on the chosen material and machine.

What to check

One-colour paths with the motif width confirmed. Physical cutting, weeding and pressing remain untested.

7. Prepare and inspect the stencil

Attach Flower-Stencil-Cut.svg, or your accepted simplified design.

Copy this prompt

Prepare a reusable stencil adaptation. In the preview, black means remove and white means keep. Identify any enclosed kept islands and connect them to the outer sheet with deliberate bridges. Check that the kept material forms one connected component. Show enlarged narrow areas. Export the cut SVG and A4 and US Letter test PDFs with the same 170 mm motif width and 50 mm and 2 inch calibration bars. Do not claim that connectivity proves strength or that a physical cut has been tested.

What to check

Connected remaining sheet, useful enlarged proof, actual-size print templates, and a physical test checklist.

8. Review and package

Attach the accepted masters and print sheets.

Copy this prompt

Reopen the exported files, check SVG dimensions and path content, render every PDF, and inspect captions, trim marks and scale bars. Keep the coloured master, vinyl file, stencil and print layouts separately named. Make product mockups from these actual designs and label them as mockups. Keep mockups separate from cutting geometry. Provide a file list and state which physical tests remain. Do not publish anything.

What to check

Clearly named project files, accurate previews and a record of completed versus pending checks.

Testing and provenance

These prompts were written from the actual local production and file checks. They have not been independently tested in a fresh assistant session. The supplied stencil is a substantial redraw of the original flower. Physical printing, folding, cutting, painting, pressing and washing have not been tested. Mockups are illustrations, not evidence of physical production.