



Fabricademy 2024-2025

Final Project

EMBROIDERY MAPPING

YUKI TAKEMURA



FABRICADEMY
textile and technology academy



Looking back of Fabricademy

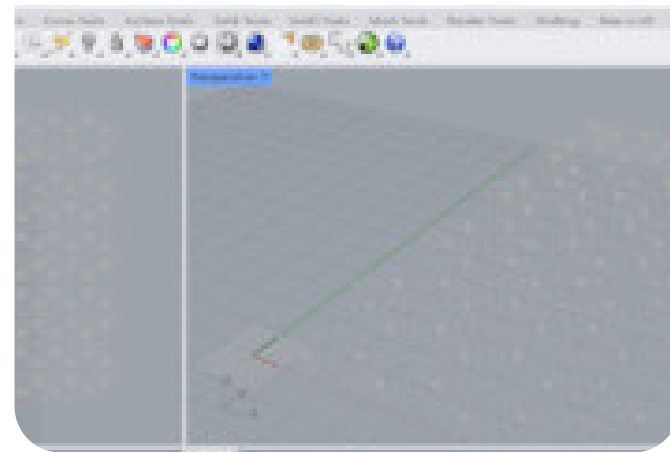
Inspiration & References

Bio Chrome & Bio fabrication



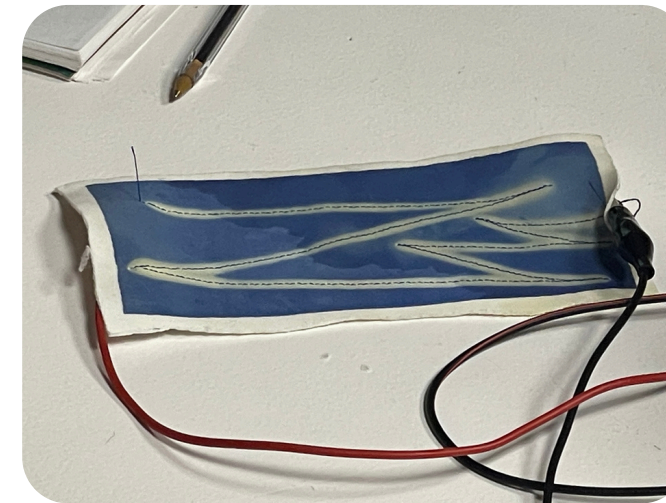
Through biofabricating, I learned how to create materials from various substances. For dyeing, it seems possible to explore methods unique to specific regions.

Grasshopper



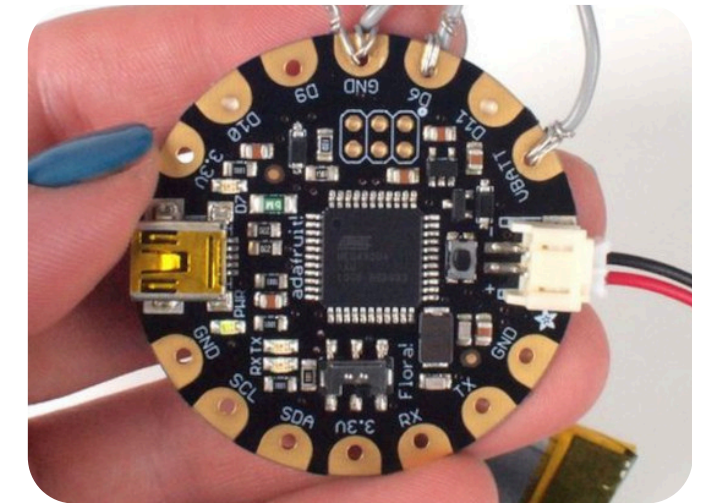
Grasshopper allows for the creation of geometric patterns, and it can also be used to design them in three dimensions.

Thermoink



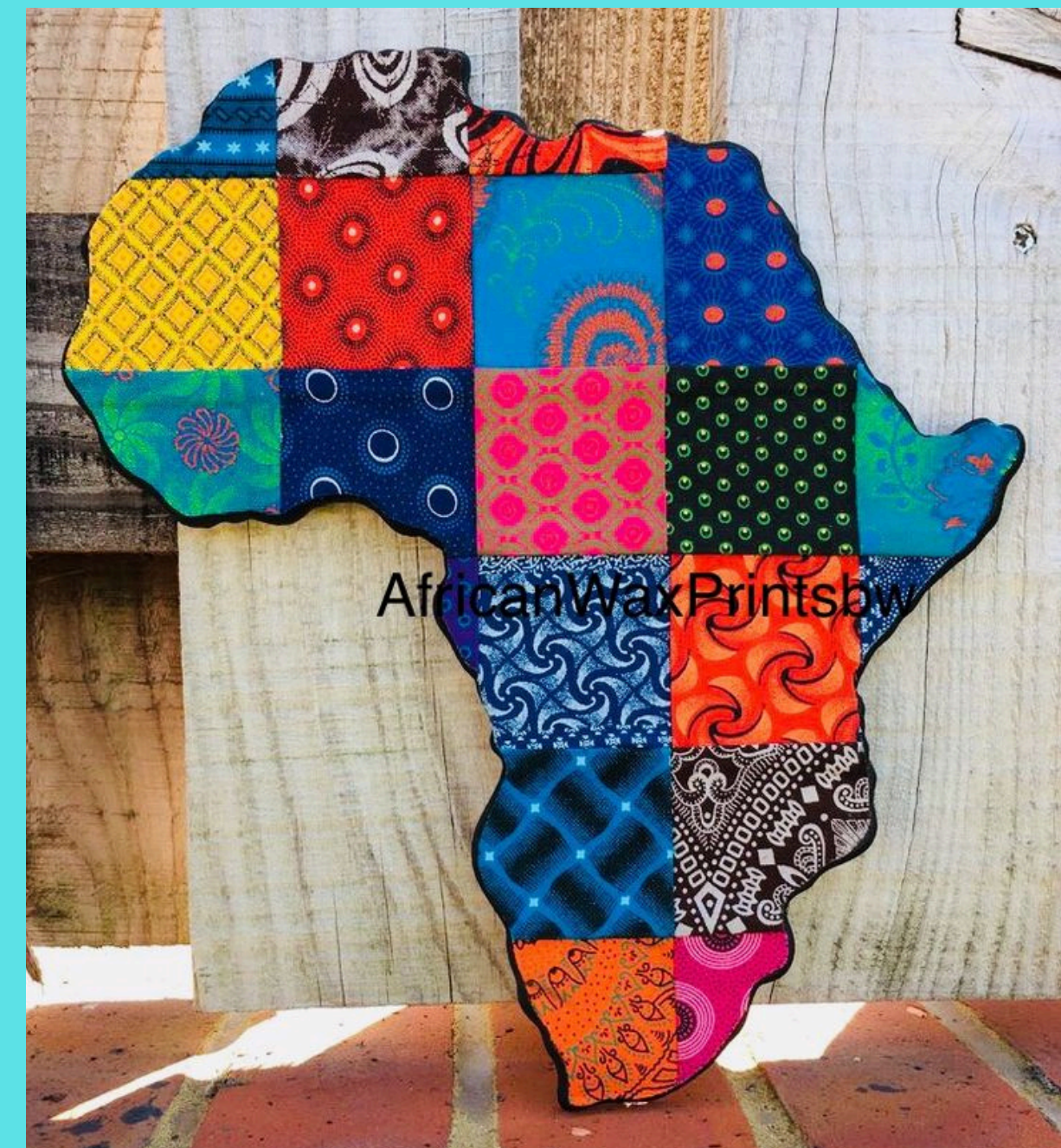
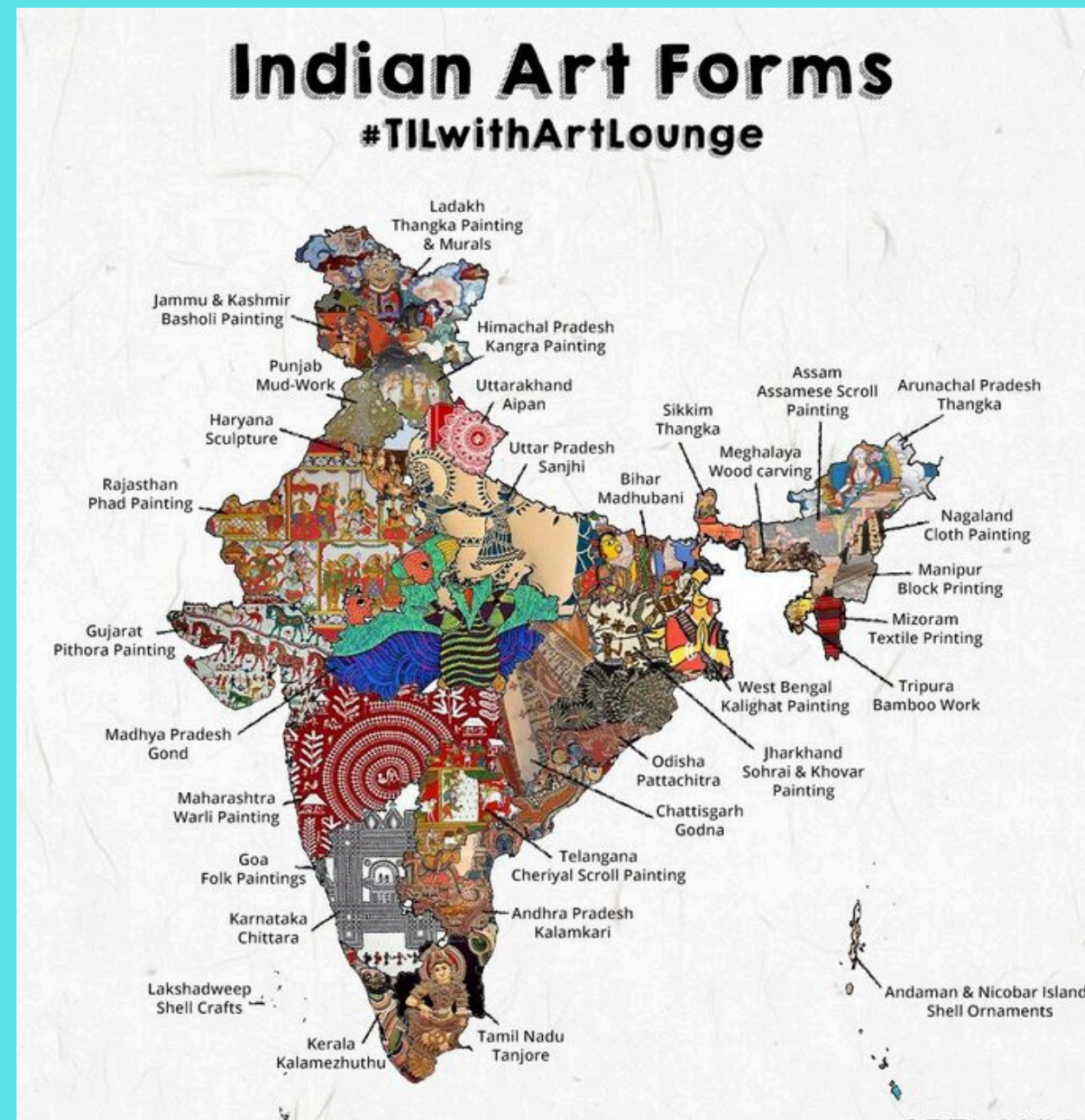
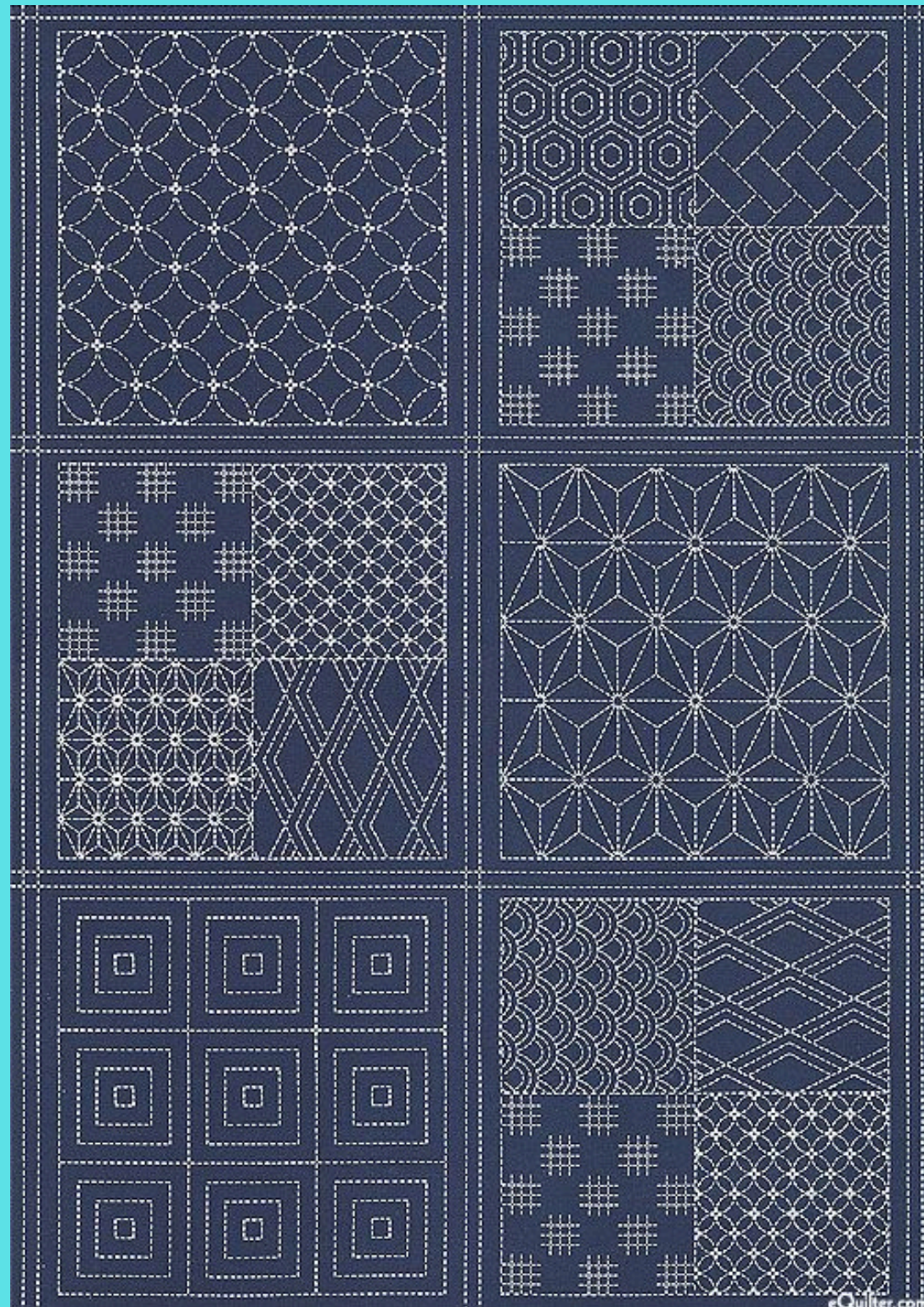
By sewing conductive thread onto a thermo ink screen and running a current through it, it might be possible to create an effect resembling sashiko (Japanese traditional stitching).

XIAO



Instead of bead embroidery, use LEDs or neopixels!

What



from Pinterest

Fabric map with Google map

I found fabric maps of India and Africa. Similarly, in my beloved Ecuador and Mexico, embroidery designs vary from village to village. In Japan, sashiko is a traditional stitching method from the Tohoku region, but the designs and techniques differ from one prefecture to another.



WHY

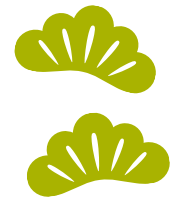
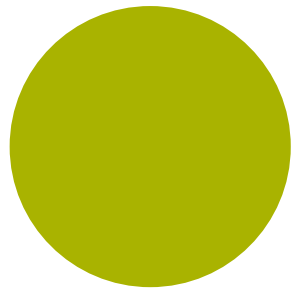
Ecuadorian embroidery... Not just Ecuadorian embroidery, but I want to preserve and pass on embroidery techniques and designs from around the world.

With the changes in modern living environments, the practice of hand-embroidering and individually crafting such items has declined.

Through interviews with my friends in Ecuador, I felt that this tradition is gradually being lost.

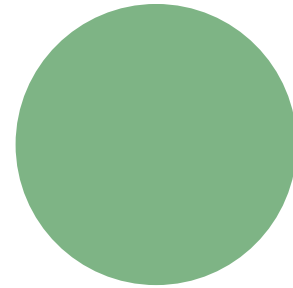
This inspired me to find a way to document and preserve this culture in a meaningful way.

For Who



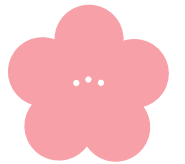
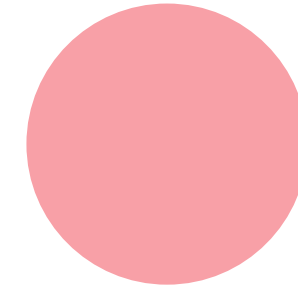
The charm of embroidery designs lies in the uniqueness of each person's individual style.

For Me



Even as clothing styles change, taking pride in their own designs remains important.

For Country



Valuing the coexistence of traditional and new elements as times change.

For Future

With who

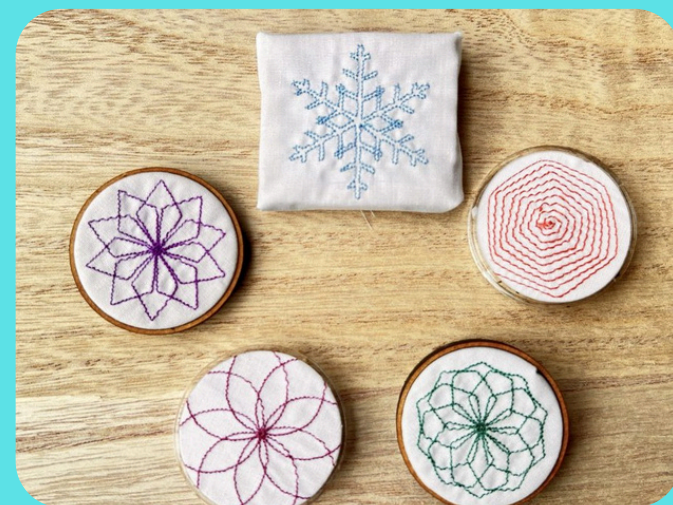
People I can rely on.

Code to ito



Collective artistic
maker unit

Scratch embroidery team



Specialists of changing
the embroidery to an
interesting tecnic with
lots of knowledge and
experience

People in there

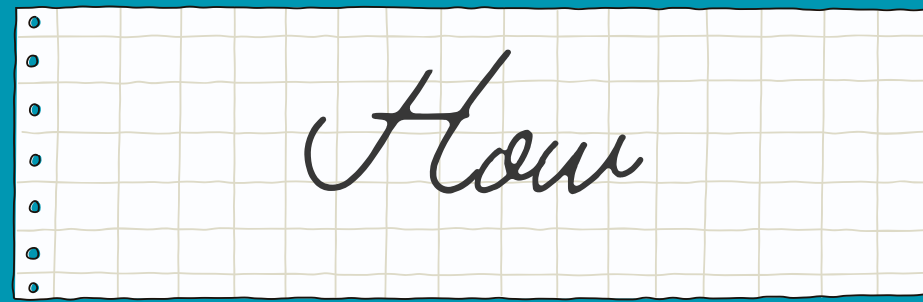


Respect the people
who are living there

Friends



Friends from all over
the world who give
me an inspiration a
lot



Ideas

1. New - material

With bio material, recreate the traditional embroideries

2. New technics

Sashiko-some of its design is kind of geometric one and can be create by grasshopper to be a 3D embroidery.

3. New knowledge

From pH controll of dyeing and the thermoink can be made a new colores

4. New design

“Design” is different from each history among the related people so can be creat the new design with Fabricademy associates (may be)

For the Future

What I want to do for the future

1. Another country

First the target is my country's embroidery: Sashiko. Then realize to another country's one.

2. Weaving and Print Design

"Embroidery" but can be represented with another textile technique

3. Textile trip

Make a trip for focusing the embroidery designs.

4. Exhibitions.

After making my fabric map, want to hold an exhibition.

Thank You

