



Textile Waste Mask

How to recycling textile waste into new biomaterial

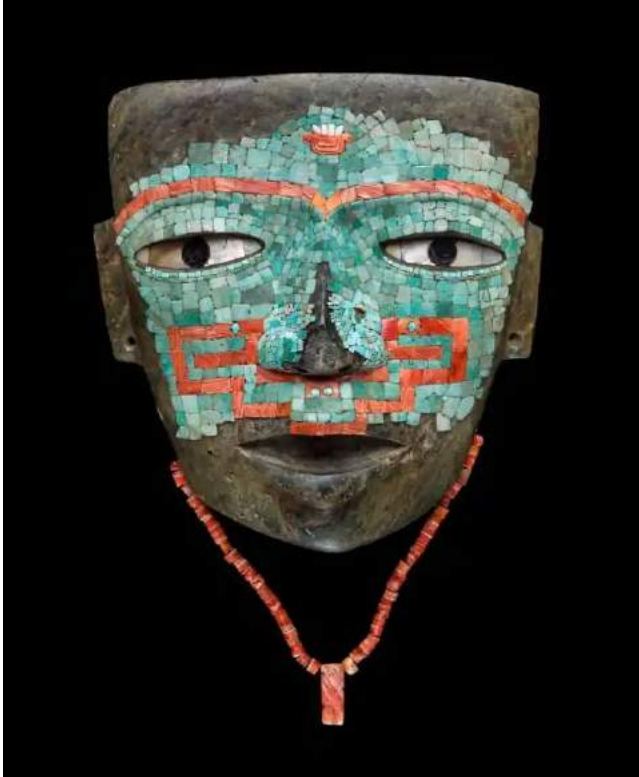
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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101006203.



Step 1 - Get inspired, design mask !



*Mask of Malinaltepec, Teotihuacan ,
300-500 and 900-1521 AD*



Theatrical masks of Tragedy and Comedy. Mosaic, Roman mosaic, second century AD



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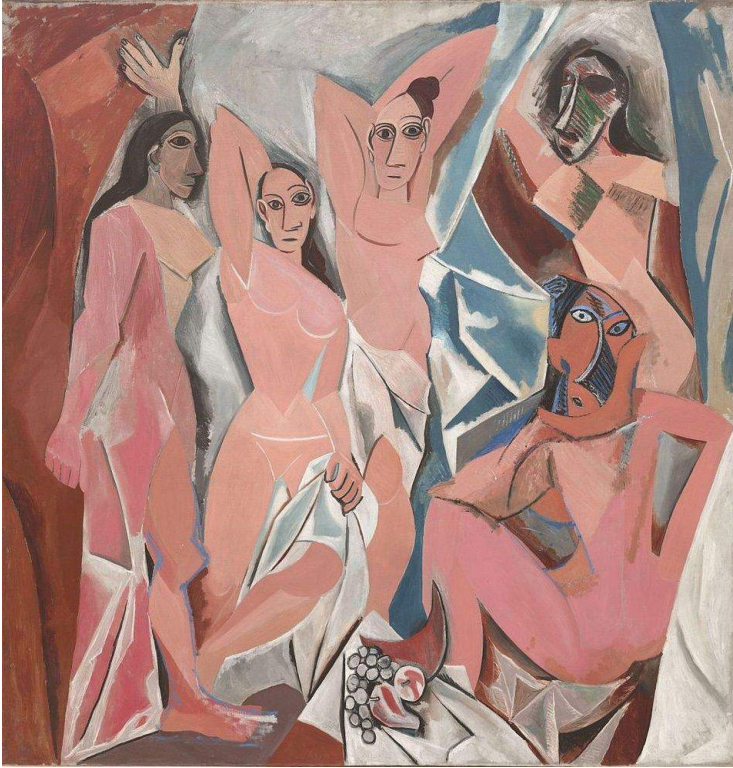
Two young Dogon dancers in masks and costumes



Mask, Yoruba, Gelede - Glenbow Museum



Step 1 - Get inspired, design mask !



Picasso, Les Femmes d'Alger, 1907. MoMA - New York



Step 1 - Generate mask with AI

With AI (Artificial Intelligence) system, you can create realistic images and art from a description in natural language.

It can combine concepts, attributes, and styles.

Give a try to [Dall-e](#) or [Midjourney](#)



Step 1 - Generate mask with AI

1/ Write a description of the mask you want, be specific with details.

2/ Click on generate, and admire the AI work!

a african mask paint by basquiat paint oil

Generate





Step 1 - Generate mask with AI

1/ Write a description of the mask you want, be specific with details.

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maori mask drawn by dali with graphite pen

Generate





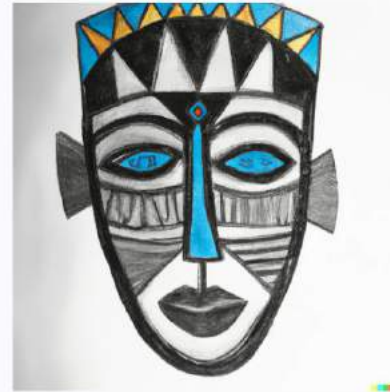
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a african mask paint by picasso pencil

Generate





Step 2 - How to shred textile?

1/ Cut the fabric with scissors in small part 3 by 3 cm.

2/ Put a few pieces of fabric in the kitchen shredder and submerge with water.

3/ Mix a small quantity of material at a time.

4/ Wring out the shedded fabric, and store it for the next recipe.



Step 2 - Alginate composite recipe

1/ In a bowl, add:

- 400ml of water
- 12gr Sodium Alginate
- 20gr of glycerin
- 5gr of vegetable oil

2/ Mix all the ingredients together until you get a thick, viscous and homogeneous mixture.

3/ Add 100gr of the grind material, blend well with a spoon.

4/ Make the same recipe with different color of material.





Step 3 - Have fun while modeling



Tips :

- Put the balloon above a pot, fix it with tape if needed
- Add a shape made with aluminium sheet to keep volume for the noze
- Open the eye
- Play with different color of material



Step 3 - Spray and wait until it's dry

1/ Prepare a solution of Calcium Chloride 10% and put-it in a spray bottle.

2/ Spray your mask with the solution, the curing reaction start, you can't change the modeling anymore.

3/ Wait a few days until it's completely dry, it can be longer depending the weather. Important : Let it dry on the support ballon in order to keep the shape.



Step 3 - Spray and wait until it's dry



shemakes

Thank you

www.shemakes.eu



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