

Safety rules & tips

- Kids to be aware of the textile paint staining the clothes they already wear. You may need to provide aprons – that's up to your discretion.
- Have wet cloths available to wipe out any paint and to clean their hands if needed.
- Use water based textile paint
- Ironing or using a heat press can be a dangerous activity for children if done improperly.
- Make sure that an adult supervises the process.
- have a piece of wood in between the front and back of the tote bag so that the colour does not stain the back side



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Digital textile recycling

Equipment & Tools

Materials and Tools:

- Kit of parts for stamps
- superglues
- ready made stencils
- textile paint tampons
- textile paints
- brushes
- clean wet cloths
- pegs
- textile markers
- wooden surface a little smaller than the bags
- Tote bags
- pen and paper

Equipment for demonstration:

- Laser cutter
- Vinylcutter
- 3d printer

Digital fabrication for decorating your own tote bag

Step by step instructions

Process overview

- Step 1: design
- Step 2: assemble stamps
- Step 3: stamp prints
- Step 4: stencil prints
- Step 5: drying
- Step 6: writing a message
- Step 7: ironing



Step 1: design

- Think and design the design on a piece of paper
- Choose the colours you need according to your design for both the stamps and the stencils

Step 2: assemble the stamps

- Put the two 3d printed parts (base and handle) of the stamp together
- Find and glue the lasercut rubber piece that corresponds to the 3d printed stamp

Step 3: Stamp prints

- Place the wooden sheet inside the bag to make sure the textile paint does not stain the back side
- Use the tampons to print with your stamps
- Use the textile paint and brushes to draw inside the stencils

Step 4: Stencil prints

- Stick the stencil vinyl where you want your design to be
- Use the brush and textile paint to paint on top of your stencil

Step 5: Drying

- Use the pegs to hang the bags to dry for 10min
- Once the paint is dry, carefully peel off the vinyl sticker
- Remove the wooden surface from the bag

Step 6: Write a message

Use the textile markers to write a message onto the bag! This is an optional step :)

Step 5: Ironing

- Once at home, ask an adult to help you iron the bag
- Place a baking paper onto the design
- Iron ton top of the baking paper pressing hard for 1 minute
- Remove the baking paper
- You can now use the bag and once it gets dirty, wash it in the washing machine in 30C

