

FLOAT YOUR BOAT

Build a model boat
& Sail-Off
Challenge!



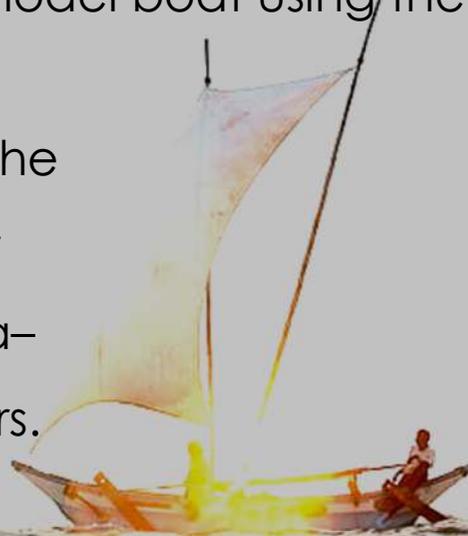
Created by Eve Williams, Creative Learning & Public Programs Officer
Devonport Regional Gallery in collaboration with the Bass Strait Maritime Centre

TASK:

Get involved in this year's Wooden Boat Festival and build your own model boat for a float-off/ display at the Bass Strait Maritime Centre!

Saturday 10 April 2021 11am

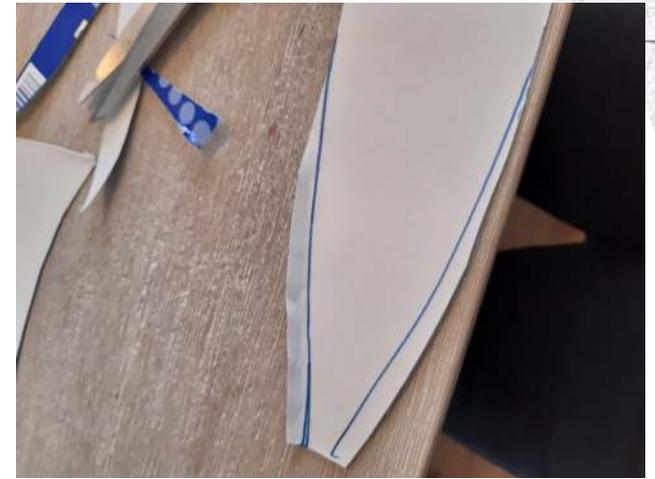
CHALLENGE RULES: Build your model boat using the materials supplied in the free art packs available to pick up from the Devonport Regional gallery. Bring it to the Bass Strait Maritime Centre on **Saturday 10 April time at 11am?** to test out its sea-worthiness and sail-ability against others.



Construct your model sail boat from:

- Milk carton or other recycled cardboard.
- Cel mix or Paper Mache glue
- Newspaper
- Paper
- Paper straw
- Balloon
- Piece of Fabric
- PVA glue
- String
- Sticky tape
- Blue tac (optional)
- Paint, textures and other decorative surface treatments
- Hot glue gun (optional)





STEP 1:

Create the shape of your boat using the milk container/ cardboard, scissors and sticky tape. Draw the shape you want on the milk carton then cut it out and stick together using sticky tape.

It's up to you what shape your boat is. Here are some examples for inspiration.



Paper Mache boat by *Anne Wood Handmade*, For instructions and a pattern for this boat visit:

<https://www.annwoodhandmade.com/paper-mache-boat-pattern/>



More Examples...



STEP 2:

Mix up the Cel Mix or paper Mache Glue. See Instructions following

To Mix the Cel Mix...

- **Add 500ml of water to a container**
- **While stirring carefully, sprinkle the Cel Mix slowly into the water**
- **Keep stirring until thoroughly mixed in**
- **Leave for 10 minutes or so**
- **Re-stir the mixture... it is now ready for using**



Paper Mache Glue Recipe

What you need

- flour
- water
- mixing bowl
- spoon

Method

Mix one part flour with one part of water (eg, 1 cup flour and 1 cup water, or 1/2 cup flour and 1/2 cup water) until you get a thick glue-like consistency. Add a bit more water if it's too thick.

Mix well with a spoon to get rid of all the lumps. If you find you are getting lumps in your glue, you can use a small kitchen electric mixer to whiz them out.

Add a few tablespoons of salt to the final mixture to help prevent mould.

Recipe sourced from: <https://www.kidspot.com.au/things-to-do/activity-articles/make-paper-mache-glue/news-story/ceb59e78216f566a15b75932462f274c>

SOME NOTES ON PAPER MACHE

- Use strips of newspaper or even paper tissues or towels.
- Let the newspaper strips soak in the Paper Mache glue a little before using and scrape off excess with fingers.
- Cover your artwork with only 2-3 layers, then let dry completely. This is an important step.
- Once a layer is dry you can add 2-3 more layers, remembering to let each layer dry before adding the next one.
- The final layer can be plain paper - so it's easier to paint - but use the thinnest paper possible and make sure it's soaked well in the Paper Mache glue.
- Paper Mache is a messy activity so make sure you put down some extra newspaper or a drop sheet or work outside.





STEP 3:

Cover your boat base in layers of Paper Mache. Remember to let dry between coats. Do quite a few layers until the form is held together well and is the shape you want.



I decided to use some colourful papers that I had at home to decorate my boat base. I used slightly watered down PVA glue to stick it all down, this will help waterproof my boat and is a good idea to give your boat a couple of coats of PVA glue if you paint it (once the paint is dry.) I used acrylic paint to paint the inside dark blue.



STEP 4:

Once your boat is covered in Paper Mache and dried glue its time to decorate your boat. Use paints, collage materials etc. to add patterns and colours.

I partially inflated my balloon so it would create a sail big enough to fit my boat. I checked the size and shape against my boat. I also held where the mast would be in place to check the shape.

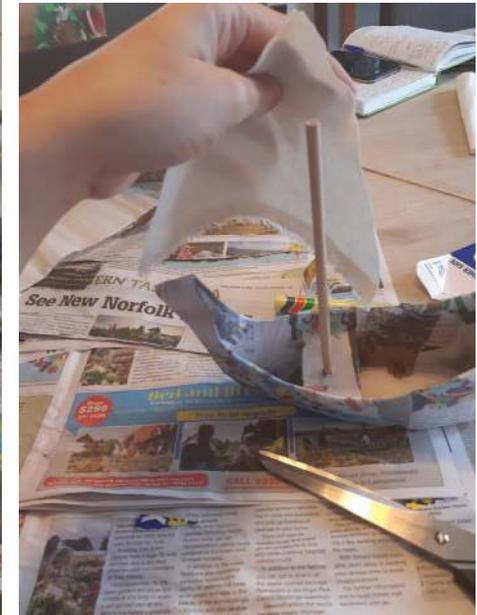
STEP 5:

Create Your sail (s).

**NOTE: It is up to you what shape, how many and how you decorate and attach your sails to your boat. The following are instructions for one method of creating a sail.*

Inflate a balloon to the volume you would like your sail to be rounded at. Cut out a piece of fabric the shape you want for your sail. Decorate it using paints, textures or other materials you have at home. Let it dry if needed.

**NOTE: When cutting out the shape of your sail remember using this method that it will be rounded as though catching the wind when draped over the balloon. It's a good idea to blow up the balloon and try draping your fabric over and draw the shape while draped over the balloon if you can. Depending on the size of your boat, you may not need to inflate your balloon fully.*





I used watercolours to add decoration and covered it in thick PVA glue.

STEP 6:

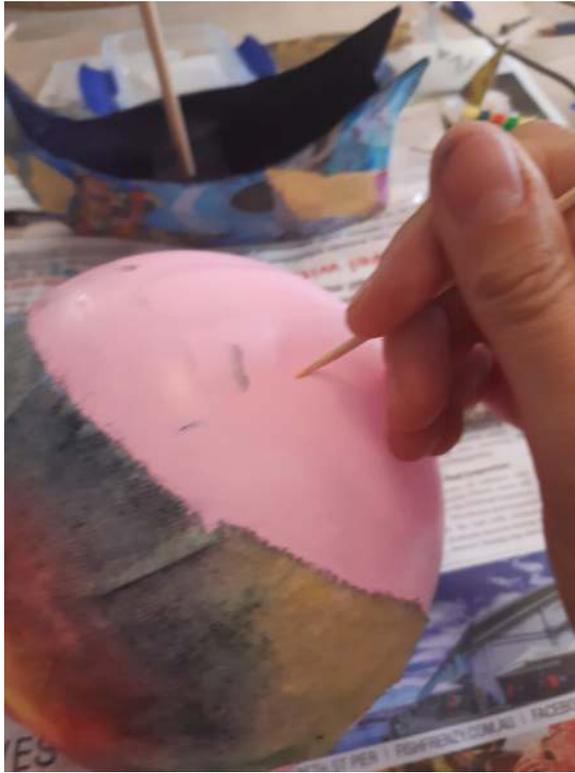
When you have finished decorating your sail and it is dry, cover it in PVA glue and drape it over the inflated balloon into the sail shape you want. Let dry completely.

** NOTE: Make the PVA glue coating nice and thick on your fabric as this will hold your sail in shape to help catch the wind when sailing.*



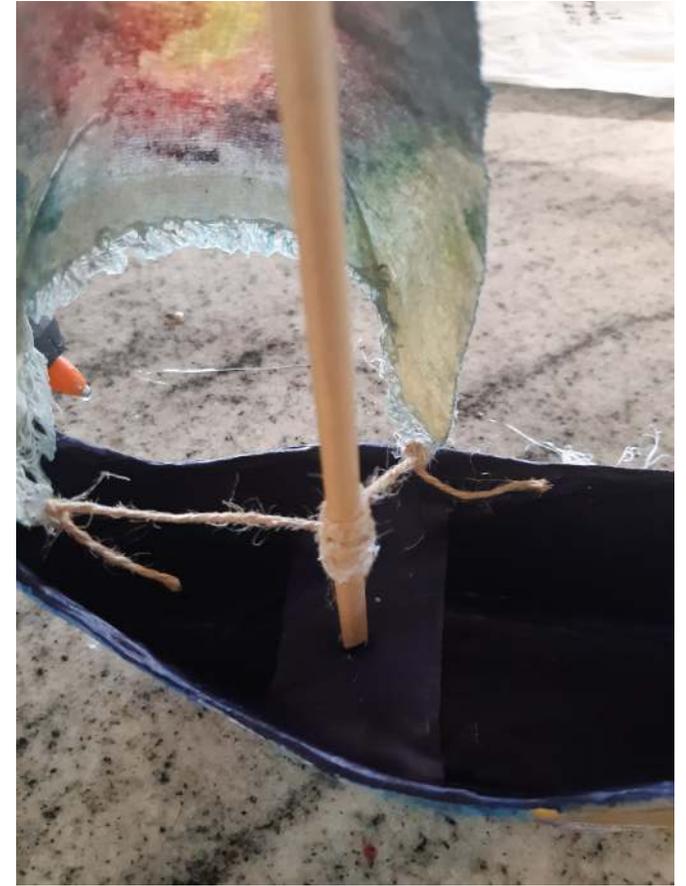
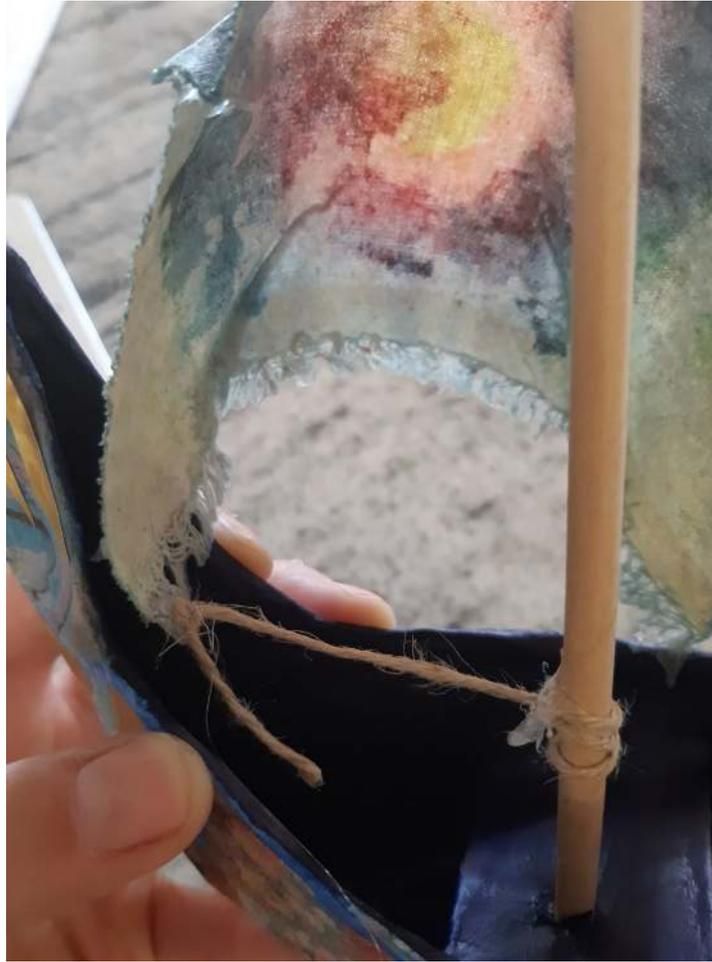
STEP 7:

While your sail is drying attach your mast. It's up to you how you attach your mast. Holding your mast and sail in place so your boat can sail effectively is part of the challenge!



STEP 8:

When your fabric sail on the balloon has dried, deflate the balloon and carefully peel your off your sail keeping it in shape as much as possible.



STEP 9:

Attach your dried sail to your mast and boat using twine or string and PVA glue. Think about the angle you want your sail on to catch the wind. Also think about where to attach your sail so it moves your boat along quickly to the finish line! You can use a hot glue gun if you have one.



My completed sail boat

STEP 10:

Bring your completed model

sail boat to the Bass Strait Maritime Centre:

6 Gloucester Ave, Devonport for the **Maritime Trail Sail-Off “Float Your Boat” on Saturday 10th April at 11am.**

Your boat creations can also be displayed at the Bass Strait Maritime Centre as part of the Maritime Trail. *Please leave your name and contact details with your boat if leaving for display.





SHARE YOUR CREATIONS

Send pictures of your hand-made boats and process of their creation to share with the Devonport Regional Gallery's on-line creative community:

artgallery@devonport.tas.gov.au

