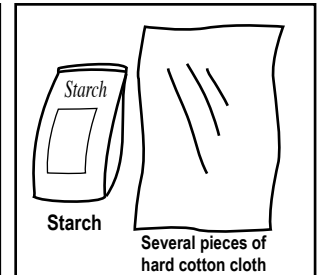
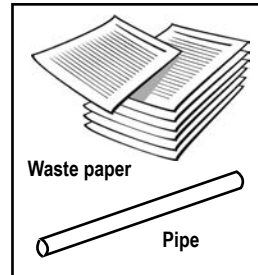
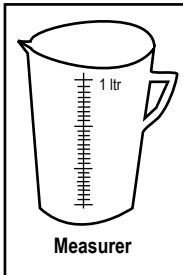
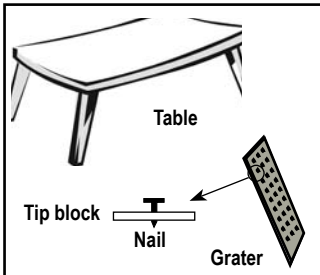
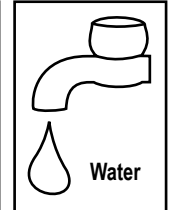
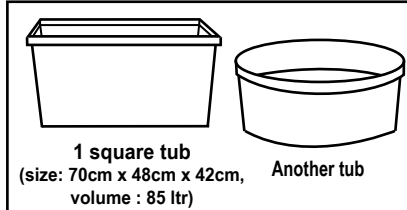
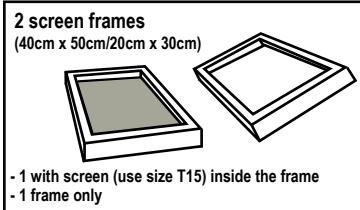


Let's Make Recycled Hand Made Paper

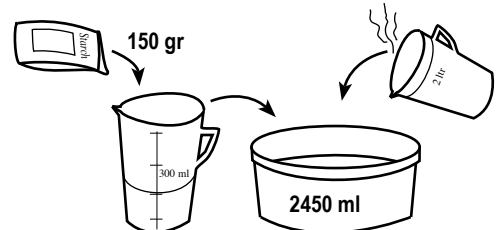
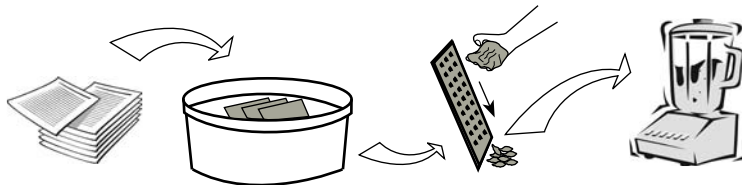
The tools & materials that you will need to make your hand made paper are:



1. Put 1 kg of waste paper (white paper only) in a tub, add water and soak for 12-24 hours.

2. Grate all the paper and blend it until it is like porridge (put one handful of grated paper in the blender and fill with water). Collect the porridge paper in a tub.

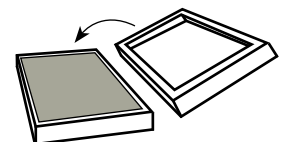
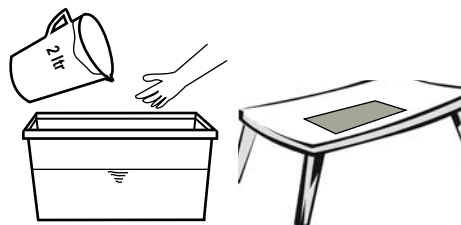
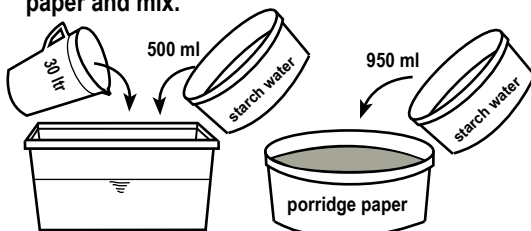
3. Add 150 gr of starch to 300 ml of water and also boil 2 ltr of water (keep it warm). Mix the starch with the warm water.



4. Put 30 ltr of water into square tub and add 500 ml of the starch water mix. The rest of starch water (950 ml) pour into the porridge paper and mix.

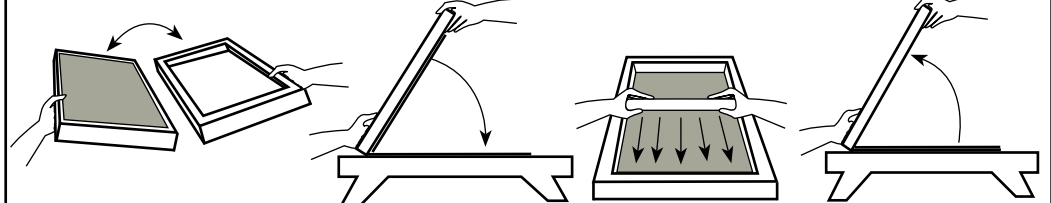
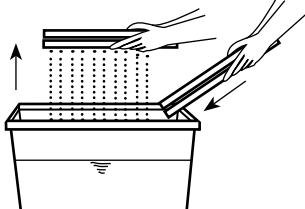
5. Put 2 ltr porridge paper into square tub and mix well. Place 1 sheet of hard cotton cloth on the table.

6. Assemble the 2 screens like the picture below. The screen must be in the middle of the two frames.



7. Place the screen in the square tub, then drain off as much water as you can.

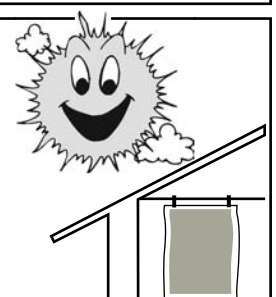
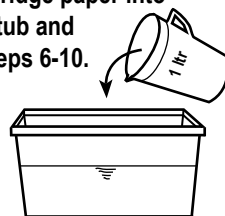
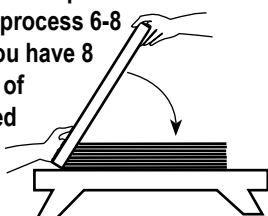
8. Lift off the frame without screen, you'll see sheet of porridge paper on the screen below. Place the porridge paper onto the cloth, scrape the screen with pipe (same width with as the screen) to remove excess water, then turn the screen over onto the cloth.



9. Place another piece of cloth on top and repeat process 6-8 until you have 8 sheets of recycled paper.

10. To make more than 8 sheets, put 1 ltr porridge paper into the square tub and continue steps 6-10.

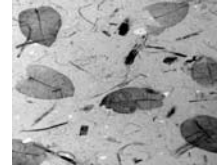
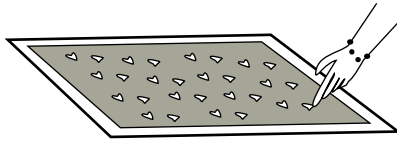
11. Pick up the cloth-paper layers one by one and hang them in a shady place for 6-8 hours. When they are half dry you can put them in direct sun to dry completely.



Smart Ideas

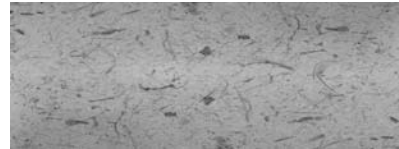
1. Applique Technique

Place some small flowers, small leaves, grass, etc, onto a sheet of wet paper & cloth. Before applying them boil them if they are quite thick for around 1-2 hours, or soak them if they are quite thin for around 1-2 hours.



2. Mixing Technique

While you are blending the porridge in the blender throw in some natural materials that will add color or texture.



Here are some ideas of things you can make with your paper...

- Paper for drawings and craft projects
- Paper to wrap presents, books, jars, etc
- Cards, invitations, envelopes, folders, etc
- Pencil holders
- Photo frames
- A gift box
- Lamp shade



Some natural materials you can use to give color to your paper...

If you want to try making paper with some special colors (chemical color), try adding these liquids into the porridge paper, some of these colors are very strong so use rubber gloves for this project.

Use the natural color:

- Tumeric: when boiled & sieved, it depletes YELLOW color
- Teak wood leaf: when boiled & sieved, it depletes RED color
- Pandanus amaryllifolius leaf (pandan wangi): when boiled & sieved, it depletes GREEN color
- Uncaria gambir (gambir): when boiled & sieved, it depletes BLACK color
- Aglaia odorata lour (pacar cina): when boiled & sieved, it depletes PINK color
- Indigofera tinctoria L (nila): when boiled & sieved, it depletes BLUE color

