

Paper Making Instructions

Making Pulp

1. Tear paper into strips (3-4cm) unless you use pre-shredded office paper (recommended for full classes)

You will need approximately 400g of paper per tub (makes 10-15 pieces of paper depending on thickness) Soak the paper in warm water overnight in tub.



2. Use the hand blender in short pulses to pulp the paper. Do not allow the blenders to over heat and only use the blenders in accordance to the blender manual.

Blenders are only to be operated by adults (although pupils will want to watch!)

3. Tap the blades against the side of the tub after every pulse to remove any blockages on the blades. Regularly check that the blades are not getting clogged with paper.

Remember to switch the blenders off at the power source before removing any pulp from the blades.



4. Left over pulp can be drained using the sieves provided.



5. Pulp can be kept in the fridge for about a week or frozen to be used another time.

Making paper

1. Each person will need:

1 x mesh frame (called a deckle)

1 x non-mesh frame (this looks like an empty picture frame)

1 x sponge

1x cloth (write your name on it with a permanent marker)

1x tray



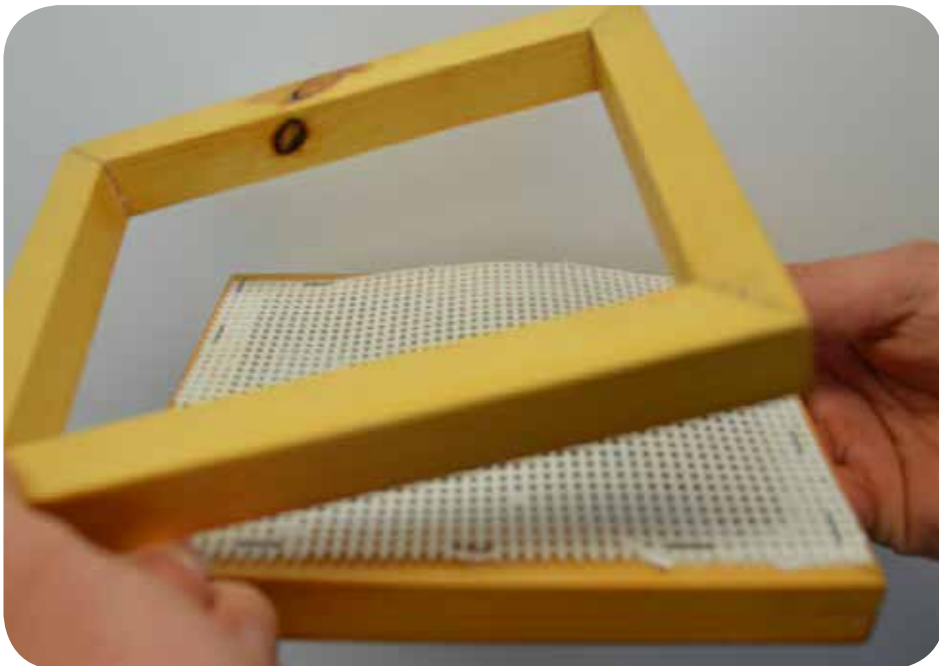
2. You will work in groups and will share a tub of paper pulp

Setting up

1. Mix the pulp around with your hand to make sure the pulp has not all sunk to the bottom of the basin.
2. Hold the mesh frame with the mesh facing up to the sky (this is very important, if the mesh is facing down your paper will get stuck!)



3. Place the non-mesh frame on top. Hold the frames with both hands with the open frame facing up.



Dunking the frames

1. Dunk the frames into the pulp, sliding them down the back of the basin (furthest away from you).



2. Lower the frames and tip them until they are flat with the open frame still pointing up.



3. You can gently rock the frames from side to side to make sure the whole frame is covered with pulp (remember to keep your fingers away from the mesh or you will get holes in your paper!)

Draining the pulp

1. Lift the frames out of the pulp and let the water drain down into the basin (keep holding the frames above the basin to avoid soaking your table!)
2. Firmly press the pulp with the a sponge to push as much water through the mesh as possible....squeeze the water from the sponge back into the basin every time it is soaked.



3. Remove the top frame and put it to one side. Gently press the sponge onto your paper to soak up even more water. Squeeze the sponge into the basin. Repeat until no more water squeezes out of the sponge.



Transferring the paper

1. Place your cloth on top of your paper and mesh frame. Hold the cloth firmly and tuck the ends under.



2. Flip your mesh frame so that the cloth is on your tray.



3. Gently peel the paper from the mesh frame starting from one side. If your paper breaks do not worry, just squash the paper together to repair or fill the frames with more pulp and try again.



Drying the paper

1. Keep your piece of paper on the cloth and carefully take it to a drying area.
2. Your paper will take 2-3 days to dry completely (depending how warm it is).
3. DO NOT touch the paper until it is completely dry. (It is tempting to check how dry it is but you will mark the paper with your finger or it might crack!)

