

Paper Making Loan Kit



Our loan kit contains all you need to make paper with children. The activity takes 15 minutes and is suitable for 8 children at a time. Children should wear aprons or old clothes and surfaces should be covered in case of spillages.

Contents

- ★ **4 water trays**
- ★ **8 screens**
- ★ **Cloths**

Additional materials required:

- ★ Used paper
- ★ PVA Glue
- ★ Water
- ★ Aprons or old clothing

To book our loan kit, please fill in the booking form on our website, www.testvalley.gov.uk/recyclingstars

Resource Sheet- Paper Making



Recycling paper to make more paper is a simple process. Paper that has been used is added to water and turned into a pulp. The pulp is then formed into sheets and the water is squeezed out to form paper that can be used again.

These instructions accompany the paper making kit that can be loaned from the Recycling Stars Team. The activity involves water so is best suited to being run in an art area or outdoors where spillages and excess water can be cleaned up easily. Children may also want to wear old clothing or painting overalls.

You will need:

- ★ Paper Making Loan Kit including:
 - ★ Screens
 - ★ Trays
 - ★ Towels
- ★ Used paper, any colour
- ★ PVA glue
- ★ Water
- ★ Newspaper or plastic sheeting (to cover surfaces)
- ★ Old clothing



Method

1) Prepare the paper

Rip your chosen paper into small pieces (no bigger than 5cm square) and place into the plastic tray.

It is important to rip the paper rather than cut it with scissors to allow for the water to absorb easily.



2) Add glue and water

To help the paper bind together, add a tablespoon of PVA glue. Add water to the container, up to the fill line.



3) Soak and mix the paper

From this point forward, things can get messy.

Using your hands, begin to mix and turn the paper in the water.

Leave the paper for 5 – 10 minutes to soak in as much water as possible. The paper needs to soak up as much water as possible to allow it to be pulped and mashed.

The soaking period can be used to explain the next steps of the process or to discuss paper recycling.

Once the paper has soaked up some of the water it will become soft and easy to tear. Using your hands, tear and mash the paper until it becomes light and fluffy in texture.



4) Fill the screen with the paper pulp

Take your screen and place it into the plastic tray. Allow the paper pulp to fill the screen, lifting and shaking the screen to make sure coverage is even.

Do not fill the screen right to the edge otherwise you will not be able to remove it from the screen.



5) Press out the water

The water must now be removed from the pulp to allow it to bind together and form a sheet of paper.

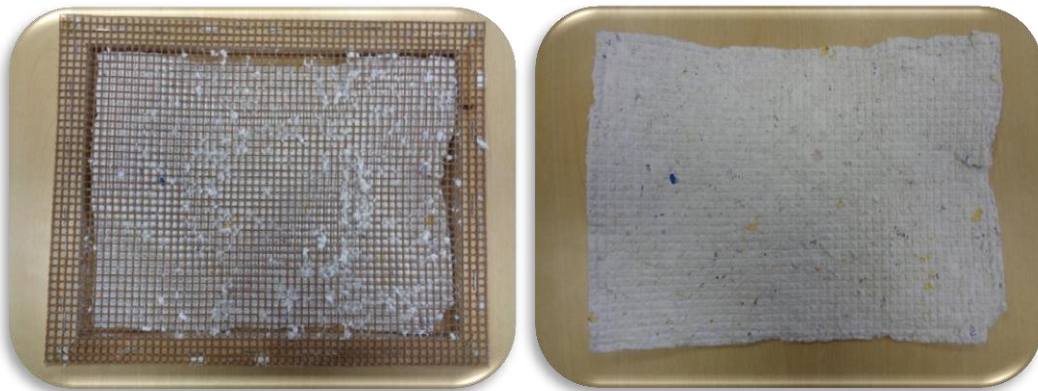
Remove the screen from the tray and allow any excess water to drain out of the screen, gently pressing the paper with your fingers.

Place the screen on a flat surface and using a cloth, press out the remaining water.



6) Turn your paper out of the screen

Once all the water has been pressed out of the screen, turn the screen over so the mesh is facing upwards. Gently tap and shake the screen to allow the paper to fall away from the screen.



Put the paper in a warm place to dry.

Once dry the paper can be cut and folded like a normal sheet of paper.