

Dear Marisa,

Paper is made from cellulose (SELL-u-los), which is in plant fibers. The cellulose is made by grinding up trees and dumping the pulp in acid. But recycling uses cellulose over and over again.

Recycled paper can be made with less electricity, with less water, with a lot less pollution, and it saves trees from being cut down.

Beakman first answered this question 2 years ago. It's the topic most people write in about. So clip this out and save it!

Jax Place  
Jax Place

## recycled paper procedure

Follow this step-by-step  
First, some information:

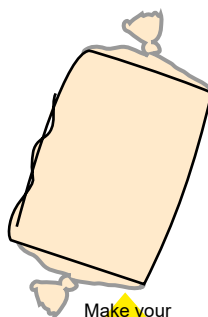
Making recycled paper is messy. It is also a lot of fun. Someone will have to use a food processor and an electric iron. Both can be dangerous. So make sure that you get help on today's project because it is a big one. It is best to do this with some friends and family. That way you can spread the mess and the fun around.

**WHAT YOU NEED: 2 full newspaper pages torn into 2-inch squares - food processor - 2 tablespoons white glue - 2 or 3 cups water - sink with 4 inches water - old panty hose - coat hangers - electric iron** *OPTIONAL: insect screen - strainer - food coloring - dryer lint*

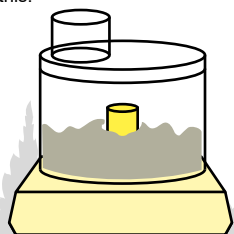
### step 2

Put a handful of the paper and some water into the food processor. Close the food processor and turn it on high. Keep adding paper and water until you have a big gray blob. You may have to add a little more water to keep things moving smoothly. Keep the food processor on until all the paper has *disappeared*. Then leave it on for 2 whole minutes. Put the glue in the sink water and add all of the paper pulp you just made. Mix it really well. Use your hands.

Mix up the sink water again and then scoop the frame to the bottom of the sink. Lift it real slow. Count to 20 slowly while you are lifting. Let the water drain out for about a minute. Mix up the sink every time you make a new piece.



Make your frame like this.



The ink in the newspaper makes the paper pulp look like a blob of gross gray gunk.

### step 3

Try other things like the screen or a strainer. Try adding *lots* of food coloring, or lint, or leaves, to the food processor.

Now you have to hang the frames on a clothesline or put them out in the sun. Wait until they are completely dry with **no dampness at all**. *You Can* then gently peel off the paper. Have a grown-up use the iron - set on the hottest setting - to steam out your paper. *You Can* keep making paper until the pulp is all strained out of the sink.

See how strong your paper is. Trim it with scissors. Write on it. It is strong. We'd love it if you sent us a letter on recycled paper you made yourself!