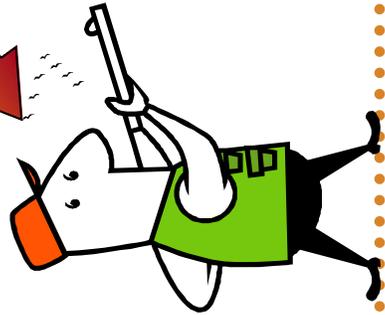
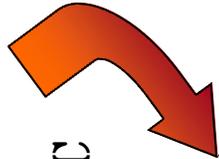


QUACK?
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QUACK



BISI Kids: Make Recycled Paper

Step 1 (Cont. from page 6): Then using a utility blade or scissors, cut out the circle or square. Place your pie pan on top of the square-foot of fiberglass screen and trace the shape of the outside of the pan in the middle of the screen with a dark colored pen. Draw four tabs

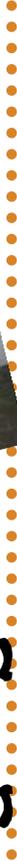
on the square or circle that extend to the edge of the screen. Cut out the tabbed circle or square. Layer the screen between the two pie pans and use the clothespins to hold everything together at the site of the tabs.

Step 2: Making The Slurry. Slurry is the paper pulp and water mixture. First, tear a section of newspaper into roughly 1” pieces. You will need to get an adult to help you. Place one cup of the torn newspaper into the blender with two cups of water. Put the lid on the blender

and turn it on high. Let the blender run until all of the paper disappears and it looks like a purple-grey pulpy mixture. Place about 4” of water into the kitchen sink (with drain plugged) or large plastic tub/container. Add the slurry mixture to the water in sink/container.

Step 3: Making The Paper. Mix up the slurry and water mixture in the sink or container really well. You can use your hands! NOTE: you will need to mix the slurry up each time you make a new piece of paper. Hold your deckle with both hands on the pie pan edges and scoop it down toward the bottom of the sink or container at a slight angle. Slowly lift deckle out of the water allowing the water to drain out (back into the sink/container) for about a minute. You should have a thin layer of paper fibers settling on the surface of the fiberglass screen framed by the edges you cut out of the pans. NOTE: you do not want to have it too thick (more than 1/4”) or too thin on the screen of your deckle or the paper will be difficult to work with. Set your deckle down on a piece of

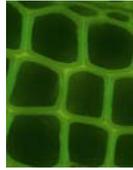
newspaper and open your deckle by removing the clothes pins and top pan from the stack. Carefully lift the fiberglass screen with the paper on it by the tabs and move it to a flat piece of newspaper. You can press a piece of newspaper over the paper (use a rolling pin if you wish) to help eliminate some of the extra water. NOTE: you do not want to dry the paper too much while it is still on the fiberglass screen or between newspaper as it will stick. Gently peel the paper off the deckle and place it on a piece of newspaper to dry. Once your paper is dry, you can use it! You can experiment further by adding a cupful of colored construction paper to your slurry. You can also add colored threads, glitter, small leaves to the slurry to make the paper more interesting.



BISI KIDS: Make Recycled Paper!

Trees are made up of cellulose fibers that are held together with glue-like substances called lignin. This makes trees strong enough to use for building houses and furniture. When wood is cooked, the cellulose is separated from the lignin to make wood pulp. This pulp is made into paper. The modern day methods of making paper is as follows: Logs are chipped into

small pieces of wood. These chips are cooked with chemicals that dissolve a pulp made of cellulose fibers and lots of water. Then, the pulp is put on a screen to let the water drain away. The fibers remain to form a sheet of paper that is dried and put on a roll. When we recycle paper we use the wood pulp/cellulose over and over again.



Cellulose fibers as seen under a microscope. (left)



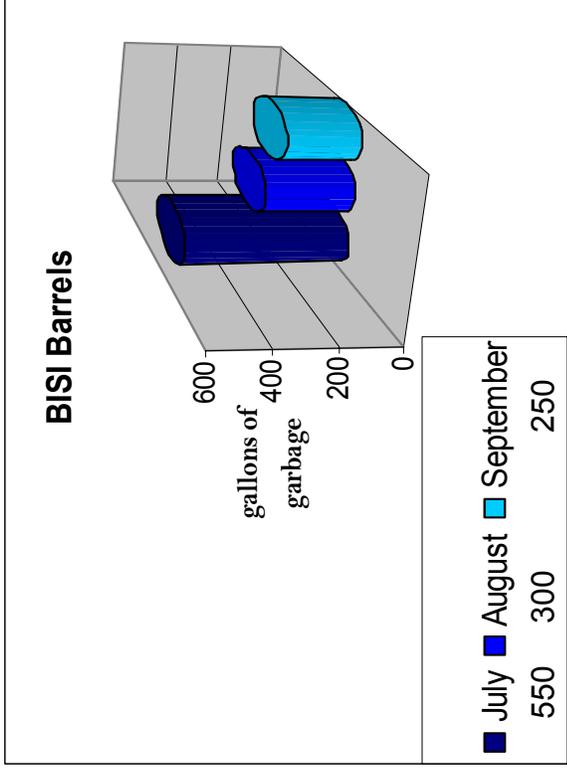
A stack of completed deckles. (right)

Materials Needed

- A newspaper
 - Blender
 - Water
 - A kitchen sink with a good drain plug or a large plastic tub/container
 - 4 clothes pins
 - 2 nine inch aluminum pie pans (square or round)
 - 1 square foot of fiberglass screen
 - Scissors or a utility knife
- Optional Materials
- * Colored paper & thread
 - * Small leaves
 - * A sponge
 - * Rolling pin
 - * Glitter

Note: Making recycled paper can be a bit messy, but fun. You will need to have an adult help you with this project, though, because the process involves using an electric blender and a utility blade or scissors.

Step 1: Making your Deckle. A adult to help you. First, take the deckle is the frame and screen that the paper pulp will be made on. It allows the fibers that make the paper to collect on the surface of the screen and the water to drain through. You will need to get an aluminum pie pans and draw a circle or square, depending on what shaped pans you have (circle in circle, square in square), 1 1/2" to 2" from the edge in the bottom of each pan. (Cont. on page 7)



Since July, the BISI staff has been monitoring the various campsites on the island. Over 1000 gallons of garbage have been collected. BISI would like to thank the Bois Blanc Island Township for allowing a monthly transfer station visit free of cost.

We have received many letters from islanders expressing their gratitude for the improvements. Thank you for your support. Next year, staff expects barrels to return in May.

Unfortunately, issues persist that are unable to be

contained in barrels. Driving on the beach, leaving campfires unattended, and cutting live trees for firewood are three of the most common mistakes. Please keep in mind that the island is important to all of us, even those who have yet to be born.

Tire tracks on the beach are not beautiful. Cutting live trees not only alters the landscape but also increases the area of each site. Eventually, if live cutting continues, sites may begin to encroach on each other and lose their natural seclusion. We care, please do.



BISI REVIEW

(Cont. from cover)

Will the future know and love the quality of life that exists today? Or will they be born into a community that lost its natural wonder and is another page in the history of lost culture and unplanned development. Whether you live here and depend on the growth of this community, or are a temporary, there is a middle ground to be discovered. This island will always be valuable. New islands are not being formed. What will it look like here in 30 years? What will future generations say about what we are doing and deciding today? We do not know what the future will need, value and love. But we can leave them with enough to decide for themselves. What would past generations say about what we have done? BISI is not advocating a

specific plan or a certain way of growing and developing. We are advocating that we as a community pay attention and set differences aside so that we can rest assure the island will always be what we, as a community, want it to be. We all need to think about why we love it here and decide if it is worth protecting. We also need to think about what we need here so that we may continue to thrive without jeopardizing the environment we depend on. The bottom line is: there is an increase in demand for a slice of BBI Heaven Pie. Yet who is managing the pie? Who is replenishing the ingredients? This pie was baked by our heritage and promised to our children and grandchildren.

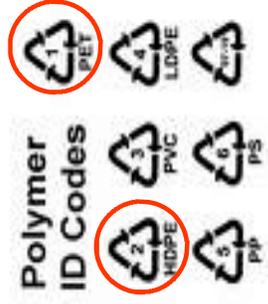
-J. Kilder

Recycling Drop at BISI Corner

After emptying barrels all summer we noticed many garbage bags full of recyclable materials. Separating your garbage not only saves you money at the transfer station but it also saves energy and shows you care about the future of the Island and the World. Three BISI Barrels are now available at the corner, 2 miles east of the township dock, in BISI's driveway. Staff will periodically monitor the volume and take



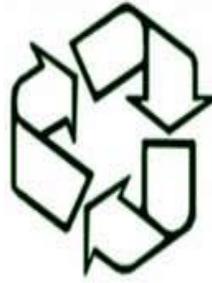
island neighborhood please contact us. BISI@wildblue.net



Top: circled in red, common code found on bottom of household plastic containers. Left: common household plastic #1 and #2.

Plastic: Household plastic is labeled using a polymer ID Code. This site only accepts **plastic codes 1 and 2**. Common items made of these plastics include: WATER BOTTLES, milk jugs, sports drink bottles, laundry detergent bottles and many others. Please check the bottom of the plastic item for the code. Rinse and remove lids. No #3, #4, #5, #6, #7 plastics will be accepted.

Glass: Clear, brown and green. Please rinse, no need to remove labels. No light bulbs, window glass, or glass dishes.



Tin/Aluminum/Steel/Foil: Rinse and flatten as much as possible, remove labels if possible. **No aerosol cans or propane tanks.** We only included "TIN" on the sign because we couldn't fit the rest.

