

Bayfront Maritime Center Cardboard Boat Regatta

Part of BMC's Inaugural Small Craft Festival

Saturday, August 18, 2012
East Canal Basin behind BMC
40 Holland Street, Erie, PA, 16507
www.bayfrontcenter.org/cardboard
814-456-4077



Regatta Guidelines:

1. Have fun! And always BE SAFE. All crew members must wear life jackets.
2. Motors are not permitted, so bring your best paddlers!
3. The boat's hull must be made of corrugated cardboard and should be constructed and sealed with any of the following: tape, caulk, glue, latex paint, or varnish.
4. Above the hull the boat may include additional materials as long as they don't aid in its flotation. Be creative and have fun designing!

Some Suggested Supplies:

⑩ Corrugated cardboard (Required)	⑩ Duct tape
⑩ Acrylic latex caulk	⑩ Varnish
⑩ Utility knife	⑩ Clamps
⑩ Glue	⑩ Measuring tape
⑩ <i>Paint (Latex Only)</i>	⑩ Straight edge
⑩ Paint brush or roller	⑩ Scissors

Restricted Materials:

⑩ 2-part glues (ie. epoxy or polyester resin)
⑩ Styrofoam
⑩ Metal, or metal foils
⑩ Plastic
⑩ Pasteboard or chipboard
⑩ Wood

A Few Construction Tips:

1. Use multiple layers of cardboard, alternating the direction of the corrugations for most strength.
2. Score your cardboard along the line of folds for the straightest bends.
3. Seal the edges of your cardboard with caulk to prevent water from getting in.
4. Consider building a few model boats to test for the most stability and buoyancy.
5. Don't make the sides of your boat too tall for the crew to reach over and paddle.

The Competition:

Your cardboard boat will be put to the test in a 300 yard race in the East Canal Basin. Boats will race in heats based on the age of the crew and length of the boat from one side of the Basin to the other and back; judges will determine the winners of these categories:

Fastest Boat (must finish race), Most Creative Design, Most Dramatic Sinking, Crowd Favorite

Visit www.bayfrontcenter.com/cardboard for rule changes and new construction tips!