

# THE GREAT CARDBOARD BOAT RACE

## INTRODUCTION, BOAT BUILDING & RULES

**WHEN:** 12:00 p.m – 3 p.m.

**WHERE:** Cold Spring Beach

### INTRODUCTION

Welcome to CLIA's first Great Cardboard Boat Race. As a part of your fleet you will:

- Have a boatload of fun
- Compete in an amazing event
- Receive fun prizes (winners)

### DETAILS COMMITMENT

Captains and Crews who wish to participate in the Great Cardboard Boat Race event make a commitment to the following: • Construct a boat out of cardboard and duct tape before race time. • All boats are human powered (oars and paddles are acceptable as propulsion tools; you provide the oars/paddles; minimum of 2 people) • Participate in the entire event which includes: picking up or finding your own cardboard • Attend the race on Saturday by checking in by 11:30 a.m. at the latest. • Dispose of or remove boat from property after the race.

All boats must have submitted their final name of boat and crew, the day before the race (to Sarah Ebaugh or via private messenger on to the Crooked Lake Improvement Association), so we have a total count. Boats will be lined up on the beach, for all the spectators to see prior to the race. Your crew should arrive promptly at noon. At this time the judges will pick their favorite boat. Teams are encouraged to come earlier if time needed for set up on the beach.

Permission waivers must be signed by parent or guardian before the start of the race. Life jackets must be worn by all crew (bring your own).

If we have enough boats, we will race by age.

### AWARDS

First, second and third place prizes will be awarded for the top three boats that make it through without sinking. A cardboard boat must complete length of the course to qualify as a "finisher." Swimming crewmembers pushing a boat (or some portion of it) through the course is not considered "racing." The boat (or some portion of it) must be maneuvered and propelled by at least one paddling crewmember. This race is a one or two lap race. Race Prizes - Guaranteed to all registered participants including crew members and boat builders. These are handed out during the awards ceremony and each crew is recognized. Special prizes will be awarded for the following: • **Best in Race Award (first place)** - First boat to cross the finish line in the final heat. **Second** and **Third** place prizes will also be awarded for the final heat. • **Judge's Choice Award** - Awarded by the judges based on creativity, showmanship and team spirit. Costumes and props are encouraged! • **The Wonder That Went Down Under Award (Most Spectacular Sinking)** - Awarded to the crew who, in the opinion of the CLIA, was the most spectacular in the way the ship and its crew went down. (As long as the boat or some part of it is propelled by at least one paddling crewmember, the boat may continue to the finish line.) Awards ceremony will be after the final heat, after the race and all boats are out of the water and the area is cleaned up.

## CONSTRUCTION AND RACE RULES

1. The ENTIRE boat must be built of cardboard, duct tape, and one-part polyurethane. (Any part of your boat that touches the water must be cardboard. This includes the hull, decking, keel, cowling, superstructure, oar locks, seating and rudder. Nuts, bolts, washers and staples are NOT allowed in hull construction. The cardboard may be as thick as you want, but may not be glued or attached to wood, plastic, fiberglass, etc.)
2. Only exceptions are the paddles & decorations
3. Use cardboard boxes, "blocks", and/or carpet tubes
4. NO pre-treated cardboard allowed
5. No Sonotubes (or similar), waxed or 'treated' cardboard
6. NO wood, plastic, Styrofoam or fiberglass
7. NO caulking compounds or two-part/mixed adhesives
8. NO wrapping in duct tape, plastic or fiberglass or similar product
9. Duct tape may be used to reinforce seams
10. Duct tape, masking tape, or adhesives such as 'liquid nails' CAN be used to connect cardboard to cardboard and CAN be used to reinforce all seams and stress points. It CANNOT be used to waterproof boats.
11. Waterproof the boat with Varnish, Paint or Polyurethane (one-part, paint-like substance). (If you don't want your boat to sink, waterproof the entire boat with any paint-able, one-part substance like Varnish or Polyurethane inside and out.)
12. Decorations are encouraged -as long as they don't affect structural strength or buoyancy
13. Boats CANNOT tow anything behind them for the safety of other boats.
14. The crew compartment CANNOT be enclosed so as to interfere with escape
15. Every crewmember must wear a PERSONAL FLOATATION DEVICE (PFD) & proper footwear. Please provide your own PFDs.
16. All crew members MUST sign a Participant Waiver/Hold Harmless Agreement on race day. Boats will not be allowed to race without a signed agreement from each race participant
17. Minimum of TWO crewmembers
18. All boats are human powered (oars and paddles you provide are acceptable as propulsion tools)
19. Boats should weigh less than 200 lbs. – This rule is for us. (Please keep your boat under 200 lbs. If you need help getting out of the lake, we need the odds stacked in our favor.)
20. Boats should be less than 6 feet wide – Here more is not better
21. Care should be taken that construction does not include pointed objects and sharp edges that could injure anyone
22. Surfboard style designs are NOT allowed. Consider "staying dry" part of the challenge.
23. Raft style designs ARE allowed. (The distinguishing feature of a raft design as opposed to a surfboard style is the use of cardboard "logs" and other such accoutrements as one would expect to find in/on a raft. Think Huck Finn.)
24. RACE DAY - Please check in (entire crew) at the registration table on race day no later than 1:30 p.m. Unload your boat in the display area and set up.
25. After the race, the boat crews must remove all cardboard, decorations and other materials from the water and the grounds. Volunteers will be on hand to help. You can take your boat home with you to dispose of it.
26. If there is any doubt about the construction, the judges reserve the right to use a probe, such as an ice pick, to test and verify that only cardboard has been used. Failure to abide by any design, race rule or the direction of a race official shall be cause for disqualification. The judges' decision shall be final.

# CONSTRUCTION MATERIALS

## Permissible Materials

1. Corrugated Cardboard, Appliance or grocery stores, some available at The Whistle Stop (2 weeks before race).
2. Cardboard “blocks” from furniture stores
3. Cardboard Tubes, Carpet/linoleum stores
4. Fastening material, Duct or masking tape, liquid nails adhesive
5. Latex paint, varnish

## Materials NOT Allow

1. Wood, Styrofoam
2. Plastic sheathing
3. Fiberglass
4. Sonotubes, coated cardboard
5. Silicon, wax, tar
6. Caulking compounds
7. Metal
8. Staples, clamps, screws

Judges decide on the interpretation of the rules

## Cardboard Boat Design

1. Consider the size of the boat- Building and transporting
  - “Big enough to hold crew, Small enough to transport and carry”
  - “Wider is better for stability”
    - i. **NO** surfboard style allowed
    - ii. Rafts are allowed
  - Consider total weight of all materials when wet
  - **Everything Must Be Removed from the Lake when done**
2. Boat decorations and crew costumes are encouraged-use your imagination; you will be awarded for your creativity!