



CARDBOARD BOAT REGATTA



SATURDAY, AUGUST 26TH

**2023
OFFICIAL TEAM PACKET**



**SATURDAY
AUG. 26**

**9:00am Check-in
10:15am Captain Meeting
11:00am Race Begins**

TO FINISH THE RACE, ALL BOATS MUST BE VISIBLE AFTER TRAVELING 100 METERS (DOWN & BACK X2) WITH ALL CREW MEMBERS INSIDE.

BOAT CONSTRUCTION RULES

- Boats must be made of cardboard! No metal, wood, plastic, rubber, Styrofoam, fiberglass or inflatable devices allowed. No pre-treated cardboard allowed.
- Duct tape may be used to reinforce seams, but the entire boat CANNOT be wrapped in duct tape.
- The boat may be sealed with varnish, paint or polyurethane. (All sealants must be completely dry prior to race). Please consider environmentally friendly products when using paints or sealants.
- No motors or sails allowed. Participants must provide their own paddles.
- The crew compartment CAN NOT be enclosed so as to interfere with escape.

PARTICIPANT RULES

- All consent and waiver forms must be signed prior to racing.
- Every member must wear a personal flotation device (PFD) and foot protection.
- During competition, crew must be in the boat, not towing it, or holding it between their legs, swimming, or allowing the life jacket to provide the floatation of the vessel.
- Each participant 12 years of age and under must be accompanied by an adult (18+)
- All captains are responsible for removing their boat and boat items from the water.
- Be creative. Boat decorations and crew costumes are encouraged!

PRIZES

1st / 2nd / 3rd place trophies

Team Spirit Award

The "Ship Show" Award

- most spectacular sinking

Thinking Outside the Boat Award

- most creative award

ITEMS RECOMMENDED FOR A SUCCESSFUL BUILD

- **Undamaged cardboard.** Breaking, crushing, or cutting through it, may make the cardboard fail.
- **Water-based wood glue & a paint roller.** This will help to spread the glue over large surfaces.
- **Clamps and weights.** These will help press the glue joints and layers together. Be sure to use a large flat surface in between the clamp or weight and cardboard. This will protect the cardboard corrugations from damage.
- **Silicon sealant.** This will help keep your cardboard dry when it's in the water! Remember to seal the ends of the cardboard with caulk or silicone, or you'll have great fun watching the water draw up into the corrugations just like in a drinking straw.
- **Paper tape/Reinforced paper tape.** Paper tape helps join the pieces of cardboard and also works well over caulked edges and seams. This won't shrink like duct tape when you paint it!
- **Water-soluble outdoor latex-based primer.** Try saying that five times fast! This is for your initial coats of paint. Avoid oil-based paints, stains, caulk, and glue because the oil soaks into the cardboard, which weakens and damages it. The cardboard may never dry!

TIPS FOR BUILDING YOUR BOAT

- **Try building a model first.** Scale down your design and cut its "flat-pattern" shape out of a manila folder. Use stones or small weights to test the buoyancy. Tape together and seal it from the water using scotch tape. This could give you an idea if the boat will float the way you want.
- **Layer cardboard.** This will give you additional strength. Layer the cardboard with the corrugations going in different directions. This will make for a stronger laminate. You can have strength and still keep your boat light if you place the second layer so that the corrugations run at a 90-degree angle to the first layer.
- **Fold your cardboard.** To fold cardboard across the corrugations, consider scoring the line of the fold with the butt end of your utility knife or other rounded edge of a tool.
- **Building location is important.** Try to build the raft in a warm, dry, low humidity location. This will speed up the glue drying process. Be sure your boat will be able to get out the door of wherever you build it!
- **Channel your inner Van Gogh.** Remember to decorate your boat (highly rewarded by the judges on race day) and bring your own paddles or oars.

BONUS TIPS & TRICKS TO STAY AFLOAT!

- **A flat bottom is recommended.** A V-shaped bottom is likely to tip over unless the V is very gentle.
- **The lowest center of gravity is the most stable.** Kneeling or standing will cause you to tip over.
- **Longer boats go faster, but they are harder to turn.**
- **For height, allow about 18 inches for you to sit and paddle effectively without the edge of your boat blocking your arms.**
- **Figure about 30 inches maximum for 1 person, 48 inches for two people.**
- **Forget about "glue guns" because that type of glue melts on hot days.**
- **Fold a lot and cut sparingly.**

2023 Cardboard Boat Regatta

Waiver and Release Form



Waiver and Release:

Recognizing the risk and possibility of injury associated with participation in the 2023 Cascade Aquatic & Rec Center (hereinafter "CARC") Cardboard Boat Regatta (hereinafter the "event"), and accepting the rules and fees associated with participation in the event, participant and if a minor participant's parent/guardian on behalf of themselves, participant's heirs, successors, administrators and assigns do hereby waive, release, discharge and/or otherwise indemnify and hold harmless CARC, its sponsors, partners, employees, volunteers and all persons who make the event possible from any and all claims for bodily injury or otherwise which exists or may arise by virtue of participation in the event. This waiver and release is effective and binding upon the participant, the participant's heirs, successors, administrators, and assigns.

Participant Certifications:

Participant or if a minor participant's parent/guardian hereby certify that participant is physically fit and capable of participating in this event and that the participant has the requisite physical skills and abilities to safely participate in this event and that allowing the participant to participate in this event will not expose participant or others to a risk of physical and/or mental harm. If participant is a minor, the undersigned parent/guardian of participant expressly authorizes participants to participate in this event.

Medical Treatment Authorization:

If participant receives an injury while participating in this event, participant or if participant is a minor participant's parent/guardian authorize the agents or volunteers of CARC to consent to whatever treatment is medically necessary and hereby release CARC and the consenting employees, volunteers, sponsors, partners, and all agents from any and all claims arising out of the medical care provided to the participant to treat participant's injuries. Permission is also given to provide transportation of participant to the nearest medical or dental treatment facility for emergency care; although this form does not guarantee that any treatment will be rendered to participant as each facility sets its own protocols for treatment.

Consent to use photographs and photographic likeness:

In the event participant's photograph or other image is taken during participation in this event, participant or if participant is a minor participant's parent/guardian hereby consent to the use of this photograph or image for any purpose without compensation.

IN ADDITION TO THE WAIVER AND RELEASE SET FORTH ABOVE PARTICIPANT AND IF PARTICIPANT IS A MINOR, PARTICIPANT'S PARENT/GUARDIAN FURTHER AGREE TO INDEMNIFY AND HOLD HARMLESS THE DPA AND/OR ALL DPA EMPLOYEES AND ALL SPONSORS AND VOLUNTEERS FROM ANY AND ALL CLAIMS FOR LIABILITY AND ANY AND ALL ASSOCIATED CLAIMS OR DEMANDS FOR ATTORNEY FEES. LOSSES, DAMAGES OR COSTS WHICH DPA AND/OR ITS EMPLOYEES AND ALL SPONSORS AND VOLUNTEERS MAY INCUR DUE TO CLAIMS OR LAWSUITS FILED AGAINST CARC AND/OR ITS EMPLOYEES AND ALL SPONSORS AND VOLUNTEERS ARISING OUT OF OR RELATING TO PARTICIPANT'S PARTICIPATION IN THIS EVENT UPON WHATEVER BASIS A CLAIM OR LAWSUIT ARISES.

In signing this event waiver and release I certify that I have fully read this waiver and release and any attached addendum or that it has been read to me, that I fully understand the terms and conditions of this document, that I have had adequate time to review this event waiver and release with an attorney of my choosing; that I understand the execution of this event waiver and release means that I am giving up substantial legal rights and assuming substantial legal responsibilities and that I am fully capable of executing this event waiver and release on my own behalf or on behalf of the minor on whose behalf I am signing this event waiver and release and that I do so voluntarily.

Participant Name (printed): _____ Date: _____

If Minor: Parent or Guardian signature: _____

Participant signature: _____

BUILDS TO SPARK YOUR CREATIVITY!

