

# Cardboard Boat Regatta Instructions 2019

## General Rules and Information

1. A crew can consist of up to 5 people but only **one** can ride in the canoe during the race (the person in the canoe must be able to swim).
2. Teams must register on the BTHS.edu site by March 1, 2019.
3. Canoes must be completed and brought into the school by March 18th, 2019. Details regarding where the canoes must be dropped off will be emailed to teams.
4. The race will take place on March 21, 2019 in the pool at 4:30 PM. Lineup will take place in the auditorium at 3:50 P.M
5. The crewmember in the boat must wear a personal floatation device (PFD).
6. 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.
7. Throwing water on another boat is a reason for disqualification, unless said water comes from the incidental splash of a paddle or other propulsive device.
8. This is a fun event! Any behavior that is deemed detrimental to the competition or other teams will result in disqualification.
9. Winners will be determined based on who is best able to fulfill judging criteria.

## Construction Instructions

1. The **only** materials allowed for the construction of the canoe are corrugated cardboard and duct tape.
2. You are encouraged to build paddles out of cardboard to help you guide the boat, though they are not a requirement. Teams aren't allowed to use manufactured paddles.
3. **NO** wood, plastic, rubber, inflatable devices, Styrofoam, fiberglass or plastic are allowed.
4. **NO** caulking compounds, two-part/mixed adhesives, glues or epoxy mixtures or coatings are allowed.
5. **NO** electrical, gasoline, benzene, propane or other chemical or electrical propulsion systems are permitted.
6. **NO** surfboard style boat is allowed.
7. The crew compartment **CANNOT** be enclosed so as to interfere with escape.
8. You are encouraged to dress up and decorate your canoe to distinguish you from the other competitors.
9. Students must make sure there aren't any blades left in the boats body. If any blades are found in team's boat, the group will be disqualified.

## **Judging Criteria**

The judging of the canoe competition will be performed by a panel of Brooklyn Tech faculty and affiliates, based on the following criteria:

- a. The canoe is able to float with a person inside.
- b. The canoe is able to make a trip back and forth across the pool; the farther the distance, the better the score.
- c. The amount of engineering thought and creativity found in the design.

## **Awards**

1. **1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> Place** (based on judging criteria)
2. **Spirit Award** – Judges choose the most spirited team.
3. **Best Major Boat Award** – Judges chose the most creative and successful boat created by one of the eighteen BTHS Majors.
4. **The Titanic Award** – The Titanic Award is given to the team of the boat that sinks in the most spectacular fashion.