RAMAPO HIGH SCHOOL CARDBOARD REGATTA 2019

SUNDAY, JUNE 9

9:00 – 10:30

SPRING LAKE - WYCKOFF YMCA

CALLING ALL ENGINEERS!!

PROVE YOUR ENGINEERING PROWESS

PUT YOUR PHYSICS LESSONS TO THE TEST

GET UP ENGINEERING BRAGGING RIGHTS
Cardboard Boat Regatta
Registration Packet

Sunday JUNE 9TH
Wyckoff YMCA
Spring Lake

8:30am
Boat Check-in
8:45am
Pre-race Voting
9:00am
Races Begin*
9:30am
Race Begins
(2 people/boat)

Register By:
Friday, May 17

Awards Include:
Pride of The Regatta (most spectacular boat entry)

1st Place Race Winners
2nd Place Runner-Up
3rd Place Runner-Up

Titanic Award (most valiant effort to keep boat afloat while sinking)
**Boat Rules & Regulations**

- Boats must be built of cardboard & duct tape. Duct tape may be used to reinforce seams and wholly powered by human muscle. Oars or paddles are acceptable as propulsion tools.

All other parts of the boat must be corrugated cardboard (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.
- The cardboard may be as thick as you want, but may not be glued or attached to wood, plastic, fiberglass, etc.
- Corrugated Cardboard, Carpet Tubes, Cardboard Blocks, and pre-treated cardboard (such as waxed cardboard) can be used.
- Metal (or plastic) staples, clamps, nails, screws, etc. are **NOT** allowed. These are dangerous to the crew, other participants, and our environment.
- Wood or Styrofoam **CANNOT** be used. The buoyancy from these materials is unnecessary and defeats the whole purpose.
- “Waterproofing” is allowed, however, all paint, varnish or waterproofing compounds must be dry prior to registration. Any boat that arrives at check in with wet paint, varnish or other waterproofing compounds will be disqualified and not allowed to enter the water.
- Care should be taken that construction does not include pointed objects and sharp edges that could injure anyone.
- 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.
- Boats **CANNOT** tow anything behind them for the safety of other boats.
- Where the crew sits **CANNOT** be fully enclosed. The boat crew must be able to get in and out of the boat easily.
- Decorations and props that are not part of the boat's hull or structure are allowed as long as they in no way affect the strength or the buoyancy of the boat.
- Surfboard style designs are **NOT** allowed. Consider "staying dry" part of the challenge.
- 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 Tom Hanks in “Cast Away”).
- 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.
- Cardboard boat designers and builders are encouraged to use "fair" designs and building materials.
- Spend as much (or as little) as you want to build your boat.
- The rest is up to you!
Race Rules & Regulations

- All participants must be able to swim.
- All participants **MUST** sign a Participant Waiver/Hold Harmless Agreement before race day. Boats will not be allowed to race without a signed agreement from each race participant.
- Please check in (entire crew) at the registration table on race day no later than 9:15 AM.
- Race categories will be determined once all registration has been received. Categories will be created in order to create fair and fun races.
- Care should be taken to avoid contact that would cause injury to another participant or Intentional damage to another boat. Those failing to abide by this rule will be immediately disqualified.
- Judges’ decisions are final.
- After the race, the boat crews must remove all cardboard, decorations and other materials from the water and the grounds.

Please contact Advisors if you have any questions via email at Michael.Ferrara@bd.com
Team Registration Form

Team must complete this form and return it to f.ferrara20@rih.org

(USE A SEPARATE REGISTRATION FORM FOR EACH BOAT ENTRY)

Team Name or Name of Boat:

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Team Members (Name / Grade / Email):

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