

CONSTRUCTION RULES

- The **ENTIRE** boat must be built of cardboard and duct tape. Only exceptions are paddles and decorations (which are **HIGHLY** encouraged, as long as they don't affect structural strength or buoyancy. Regular canoe/kayak paddles are also allowed.
- Latex paint is the only type of paint allowed on the outside/inside of the boats.
- The crew compartment **CANNOT** be enclosed so as to interfere with escape from a potentially sinking boat.
- Use cardboard boxes, cardboard "blocks" or carpet tubes. Cardboard can be as thick as you want.
- **NO** pre-treated cardboard or Sona-tubes waxed or 'treated' cardboard allowed (i.e., pre-waterproofed since that would be cheating!).
- **NO** wood, plastic, fiberglass, Styrofoam, rubber or other flotation aids.
- **NO** caulking compounds, single, two-part/mixed adhesives, epoxies, varnishes, sealants, sealant type paints, or oil paints (we can tell – just in case you're thinking of pulling a fast one on us! 😊)
- **NO** wrapping in plastic, fiberglass sheet or resins, or peel and stick waterproofing membranes.
- **NO** electrical, gas, benzene, propane or any other chemicals or air propulsion system is allowed.
- Duct tape may be used to reinforce seams.
- Hull wrapping with duct tape is allowed for waterproofing purposes (inside & outside of boat). This is the only acceptable way to waterproof your boat.
- **Illegal boat materials = disqualification.** If uncertain about eligibility of a cardboard type material, ask organizers for an official ruling.

DUCT TAPE SUPPLY

- Each team will be given 6 rolls of 3M Performance Plus Duct Tape.
- Rolls are 55 metres long x 4.8 cm wide = 2.64m². With a 25% overlap, this yields 1.98m² surface area coverage (approximately 21 square feet). So, 6 rolls = +/- 120 square feet surface area.
- The duct tape has been generously donated by 3M Canada. Retail value of the product approximately \$25.00 per roll + tax. A limited quantity of extra rolls is available to contestants at \$10 per roll.
- **NO** hoarding of the premium quality 3M Duct Tape please! Leftover rolls will be saved by the organizers for next year's event.
- Contact organizers to make arrangement to get your duct tape starter pack.

CONSTRUCTION MATERIALS

| Allowed | NOT Allowed |
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| Corrugated cardboard (can find at appliance & grocery stores) | Wood, styrofoam, plastic sheathing |
| Cardboard "blocks" (can find at furniture stores) | Sona-tubes, coated cardboard |
| Cardboard tubes (can find at flooring stores) | Silicon, wax, tar, caulking compounds |
| Fastening material – duct tape only | Fiberglass, Resins, Paint (except for above water decorations) |
| Latex paint | Metal, staples, clamps, screws, nails |
| Decorations (cannot affect structural strength or buoyancy) | Ballast type devices – and bags, rock, brick, etc. |