

Build A Boat Contest!

The Supplies Allowed:

Corrugated Cardboard
Elmer's Wood Glue
Duct Tape
Quick Dry Caulking (latex)
Optional Polyurethane for top coat
Permanent Markers or Pens – no washable markers
Outdoor paint – fully dry

Forbidden Materials!

Styrofoam
Two part glues
Fiberglass resins and Plastic Epoxies
Metal
Plastic
Foam Core Boards or Styrofoam
Pasteboard or Chipboard
Wood
Cardboard that has been factory coated with wax
Metal foils
paints

Design Considerations

Set a goal: are you building a Fun Boat or a Speed Boat?
Plan the right size boat – a box 1 x1 x 3 will float 180 pounds... so, if your boat is big enough to hold you, in all probability it will also be big enough to float.
Be sure that you account for their weight. 2 kids will take less boat than 2 grown adults!
Flat Bottoms tend to be less “tippy” than V-shaped bottoms.
The lowest center of gravity (sitting in the bottom of the boat) is the most stable position. Kneeling or standing... you'll probably tip over.

Dimension Considerations

Longer boats go faster, but they are harder to turn.
Boats shorter than 10 feet are difficult to steer straight.
10-12 feet in length seems to be just about right.
Don't make your boat sides too high. For example, 18 inches in height will allow room to sit and paddle without the edge of the boat blocking your arms.
Plan width based on the number of people. If there will be just one paddler, don't go wider than 30 inches. If there are two, try about 48 inches.

The Addison Build A Boat Race!

Races will start 12:00pm Sharp!
The boat will have to have one team member in it paddling, but can have more. The boat must make it down 25 yards, turn around 25 yards back. Prizes will be given for best sinker, fastest time, and best design.

Register at any front desk or online at addisonparks.org. \$6R/8NR

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