

General Tips

1. Use paper and scissors to design a model of your boat before cutting your cardboard.
2. Keep the waterproof coated side of the cardboard on the outside of the boat.
3. Try to fold the sheet into a boat with the least number of cuts. A folded edge is stronger and more watertight than a taped edge.
4. Use folds to create strength. Try creating a lip around the top of the boat or wherever you'd like it to be strong.
5. Try multiple layers of cardboard for extra strength. Remember to criss-cross the direction of the corrugations.
6. Plan how to get into your boat.
7. Spread your weight out.
8. Make sure your boat won't capsize.

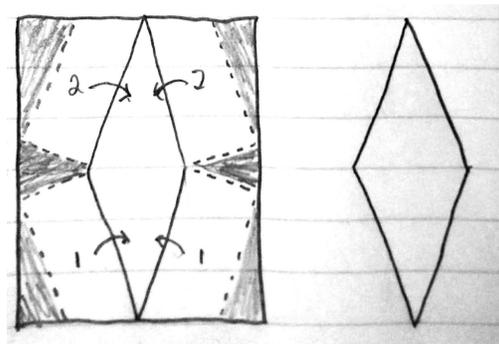
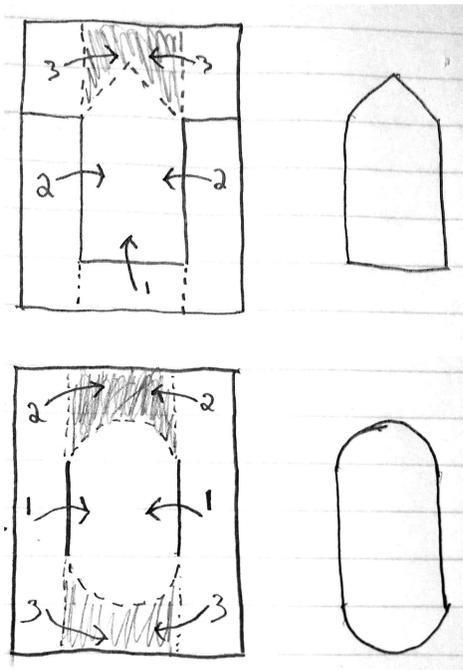
Videos to check out

<https://www.youtube.com/watch?v=u6y1nqsiqjQ>

<https://www.youtube.com/watch?v=G3B45XB4mRQ>



Boat Designs



House shaped

Rounded raft

Canoe

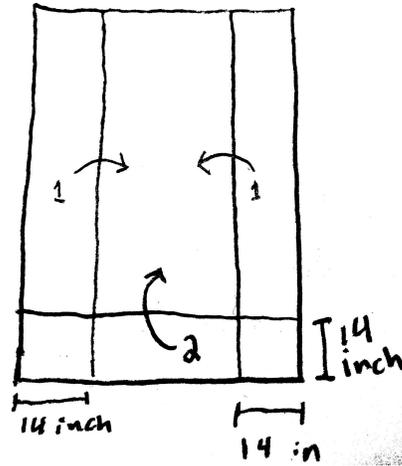
Simple Boat Steps (House shaped boat)

Feel free to follow these instructions or create your own design

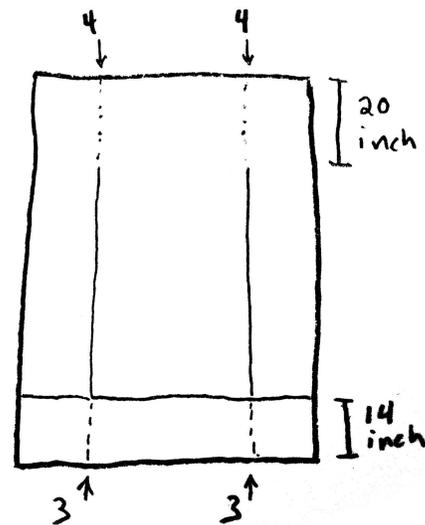
Start with a piece of cardboard at least 4ft wide by 6ft long.

The water resistant side should be facing down.

1. Along the long edges, make a fold 14 inches from the edge. Unfold.
2. Along the short edge that will be the back of the boat, make a fold 14 inches from the edge. Unfold.



3. From the back edge, cut 14 inches along the creases from step 1
4. From the front edge, cut along the creases 20 inches



5. At the front of the boat, fold the 2 flaps towards the back of the boat to make a crease. Unfold.

