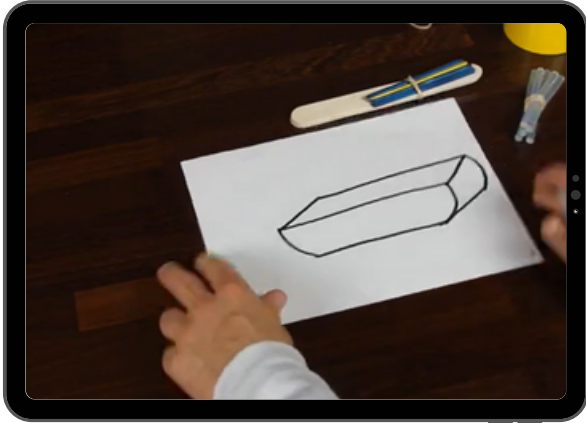
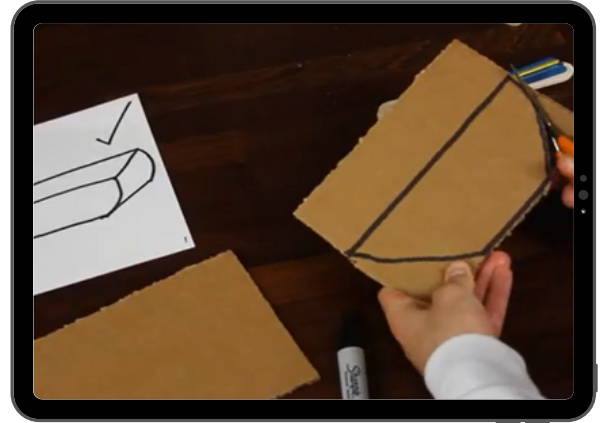




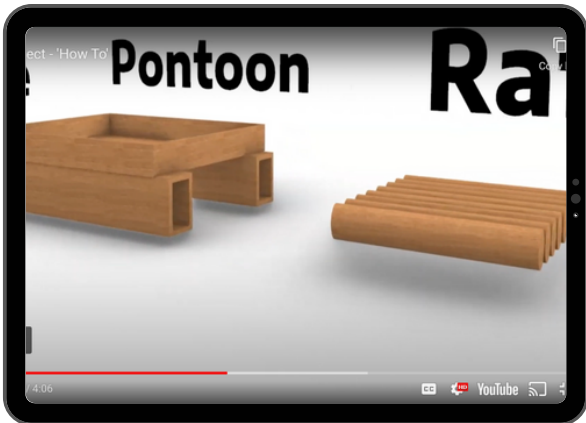
# Step-By-Step



**1.** Brainstorm / draw out a design



**2.** Transfer that design to cardboard/chipboard pieces



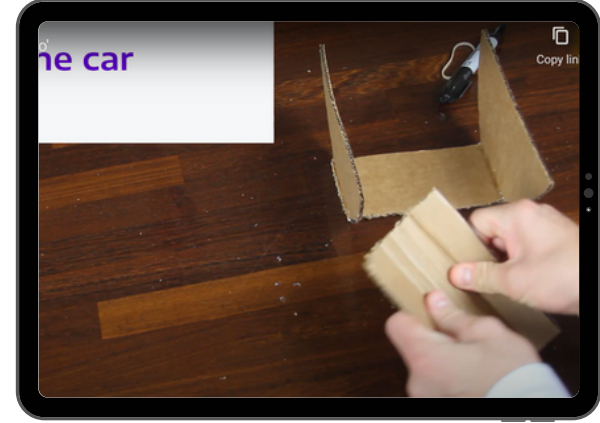
**3.** Here are some design styles to keep in mind



**4.** Do your best to keep things symmetrical!



**5.** Use hot glue and/or tape to make the connections.



**6.** Can pinch cardboard to make it bend.



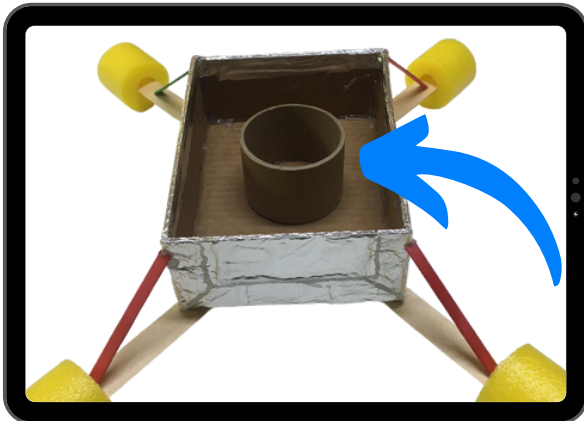
# Step-By-Step



**7.** Once you have your boat, start to cover it with cardboard by pinching it.



**8.** Finish wrapping and hot gluing the aluminum foil around your design to make it waterproof.



**9.** Be sure to save a spot for this tape core so we can load



**10.** Place your boat inside the testing bin!



**11.** Load your boat with weights until it sinks. Keep track!

## HELPFUL TIPS!!

- Make sure it fits in whatever you are testing in!
- Be sure to make it completely waterproof with AL foil
- Try to make sure it stays low and does not tip
- Be creative with your materials!