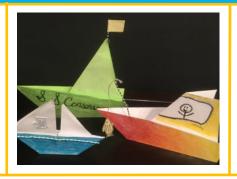


ENVIRONMENTAL EDUCATION CENTER ON THE WATERFRONT • ARTS & CRAFTS

ORIGAMI BOATS

In warmer months, we see a lot of different vessels in the East River, sail boats, speed boats, and ferries, just to name a few. Follow the steps below to make your own paper boat!



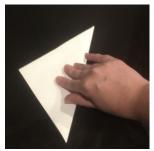
MATERIALS YOU'LL NEED:

- Paper
- Ruler
- Pencil
- Scissors
- Coloring supplies

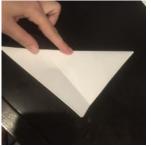
EASIER VERSION:



STEP 1: Measure and cut a piece of paper into a perfect square. We recommend 15 cm x 15 cm.



STEP 2: Fold your square corner to corner to form a triangle.



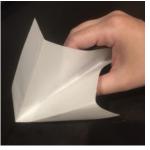
STEP 3 Fold the base of the triangle about up about 1/3 the way. Try to fold on a slant-this will impact how your boat bottom looks



STEP 4: Carefully reopen your folded paper.



STEP 5: Push up the middle point where two folds intersect.



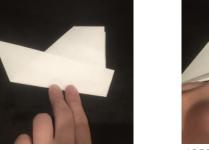
STEP 6: Slide your thumb and pointer finger under opposite end of the backside of the paper, and begin to fold together.



Work to press down on all folds to return to the boat shape you created in step 3.



STEP 7: You have a boat ready for coloring! But, if you'd like your boat to look more like a speed boat, follow the last two steps.



(OPTIONAL) STEP 8: Fold the tip of your sail down.



(OPTIONAL) STEP 9: Unfold the tip. Spread open the sail and invert fold the tip so that it isn't visible.

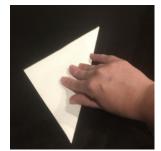
HARDER VERSION:



STEP 1: Cut a piece of paper into a perfect square. We recommend 15 cm x 15 cm.



STEP 2: Fold your square in half, then open and fold in half the other way.



STEP 3: Now fold your square corner to corner to form a triangle. Open and fold the other corners.



STEP 4: Unfold again. Your paper should have 4 intersecting folds.



STEP 5: Fold all 4 corners into the middle. Make sure to press hard to reinforce every fold in the paper so far



STEP 6: Open back up two flaps on opposite sides.



STEP 7: Start to close your paper together, like you are holding a hotdog roll.



STEP 8:

Push in the open end, continuing to close the paper as you go



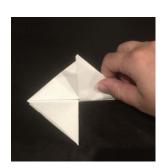
STEP 9: Press hard to reinforce the new inverse folds.



Do the same thin on the opposite side.



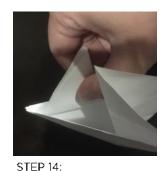
Press firmly and flatten. You should start to be able to see your two sails.



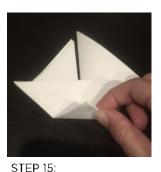
STEP 12: Fold on sail all the way down.



Fold that same sail back up, but create a new fold slightly lower than before, so that the sail is shorter.



Hold your shorter sail in place by tucking into the pocket below.



Fold the bottom corner up a little to create the boat's base



Don't forget to decorate! Get creative with any craft materials around your house.