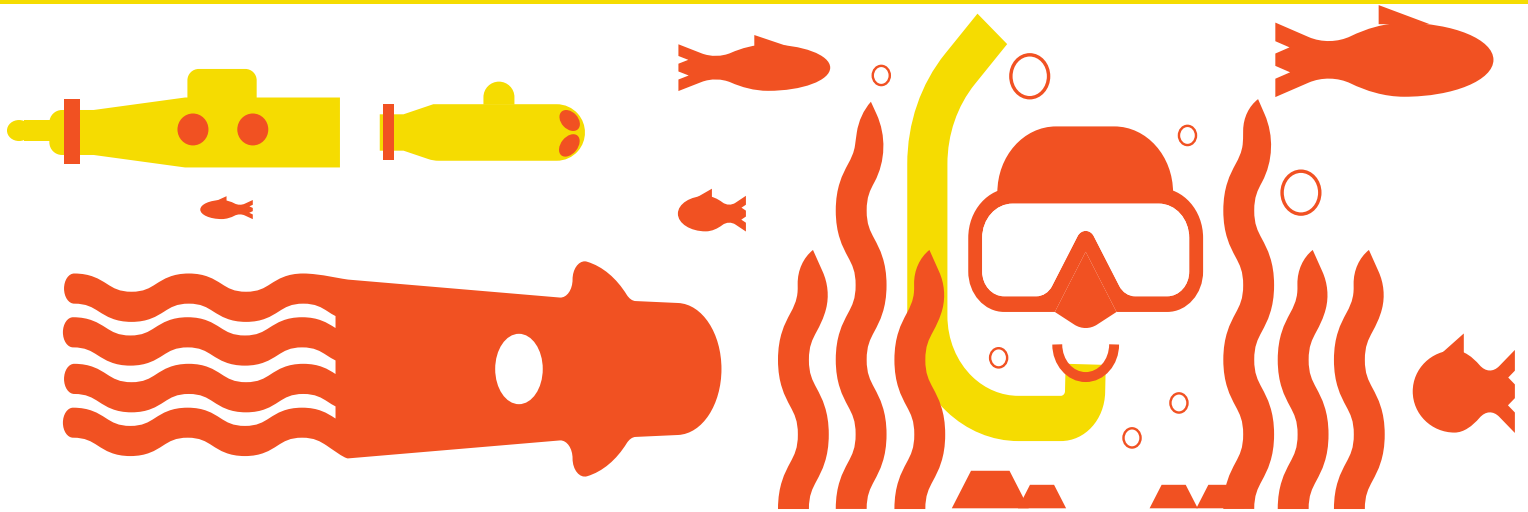


LuxBlox™



Sea Adventure Yellow Submarine

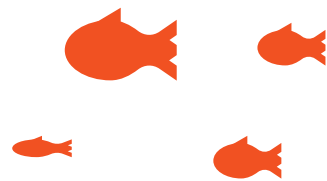
MADE IN
U.S.A.
★★★★★



INSTRUCTIONS

**TOTAL
PIECES 241**

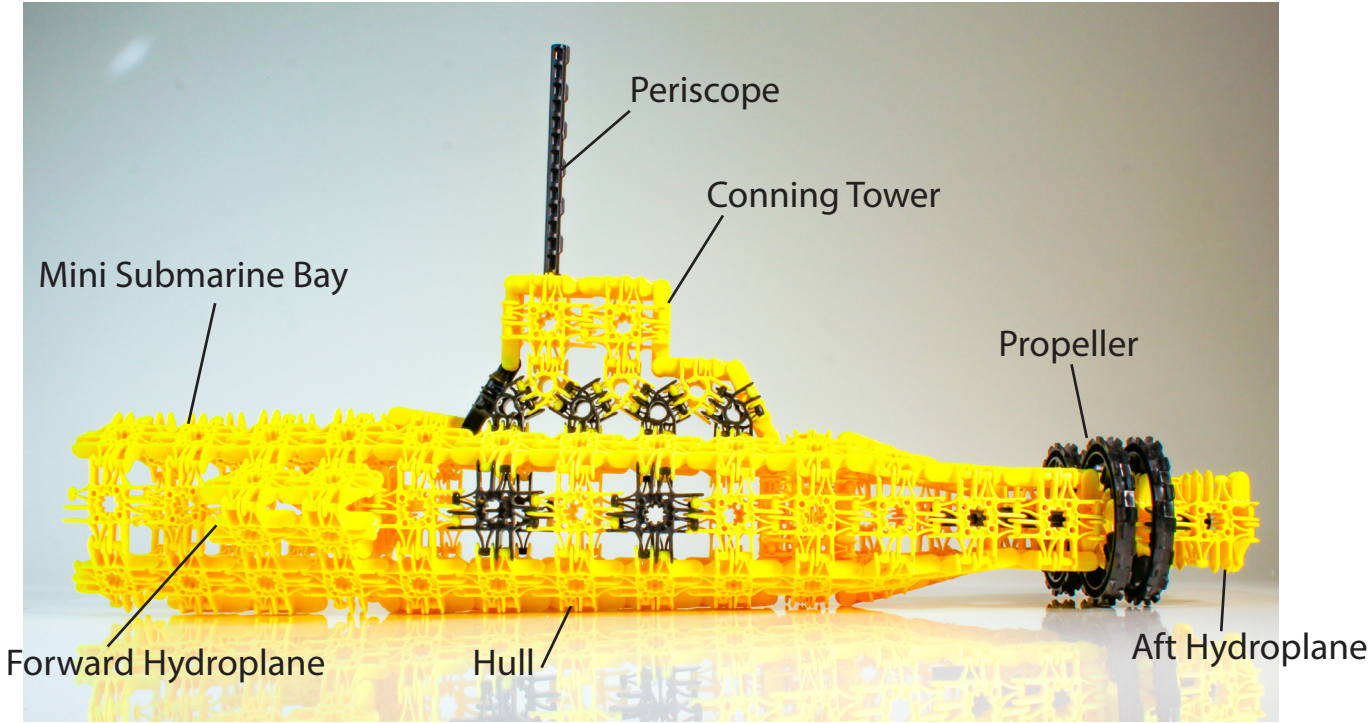
10 black squares
180 yellow squares
10 black trigons
25 yellow trigons



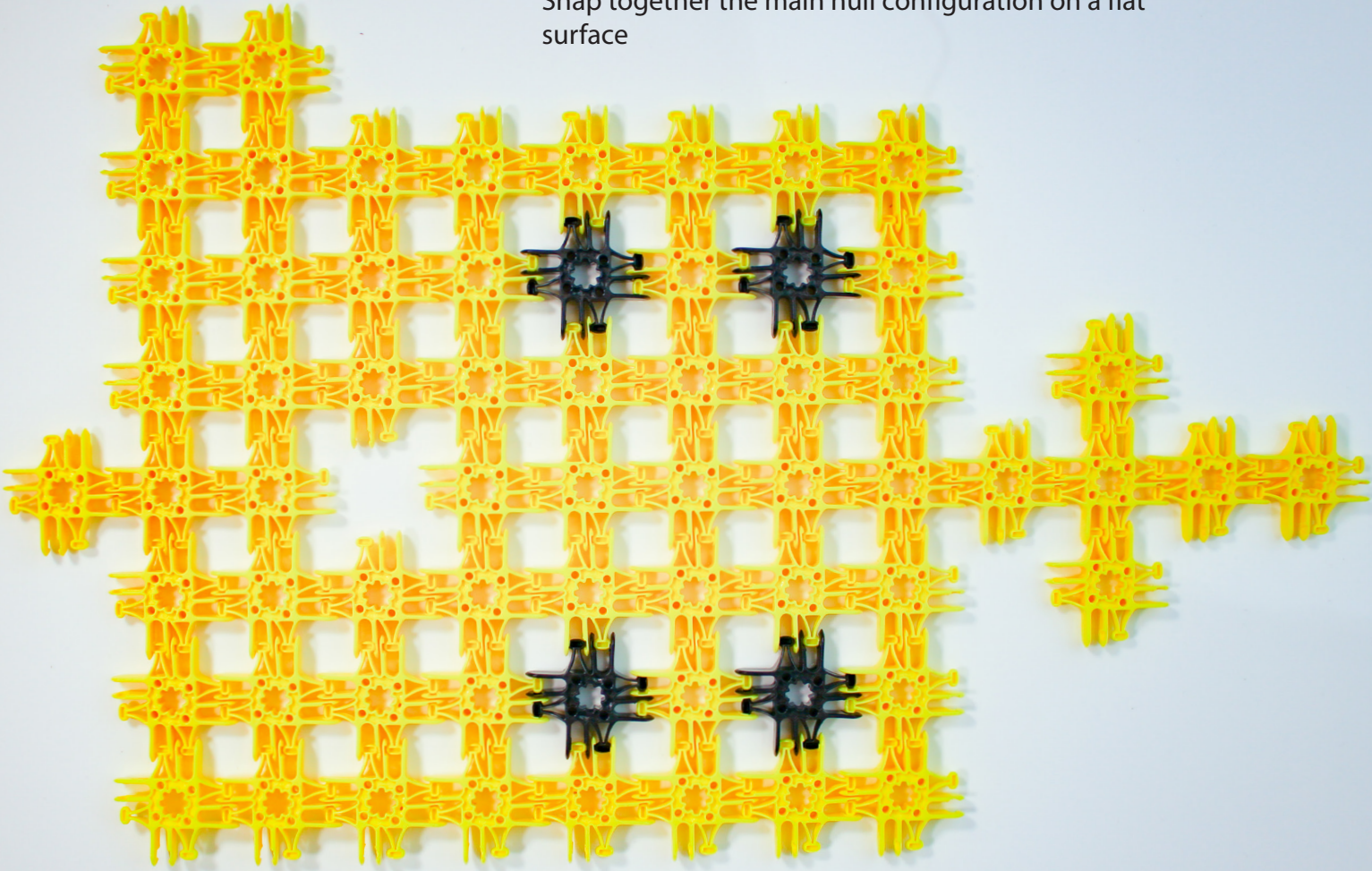
2 trigon wheels
4 square wheels
6 #2 small axles
4 #7 large axles

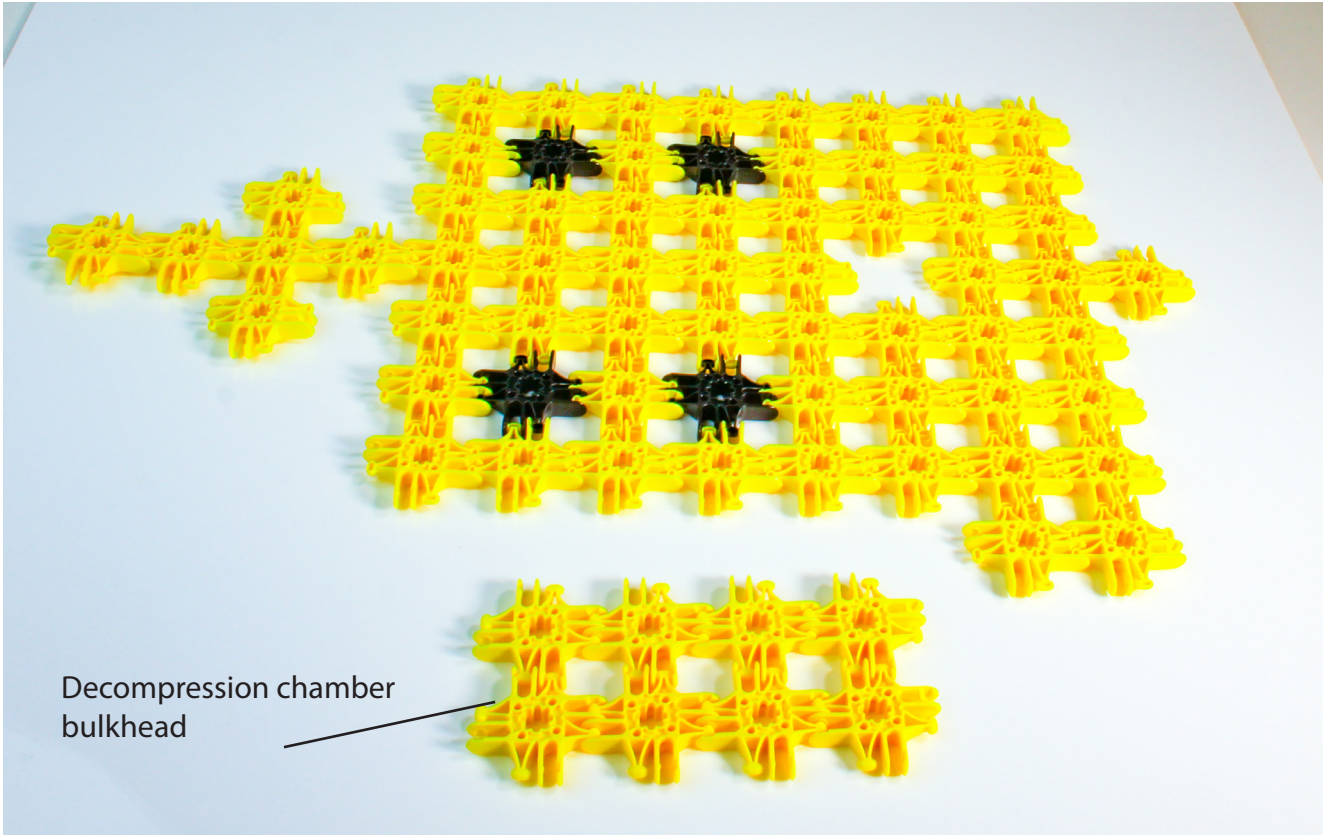
For more information go to www.luxblox.com

Constructing the Main Submarine

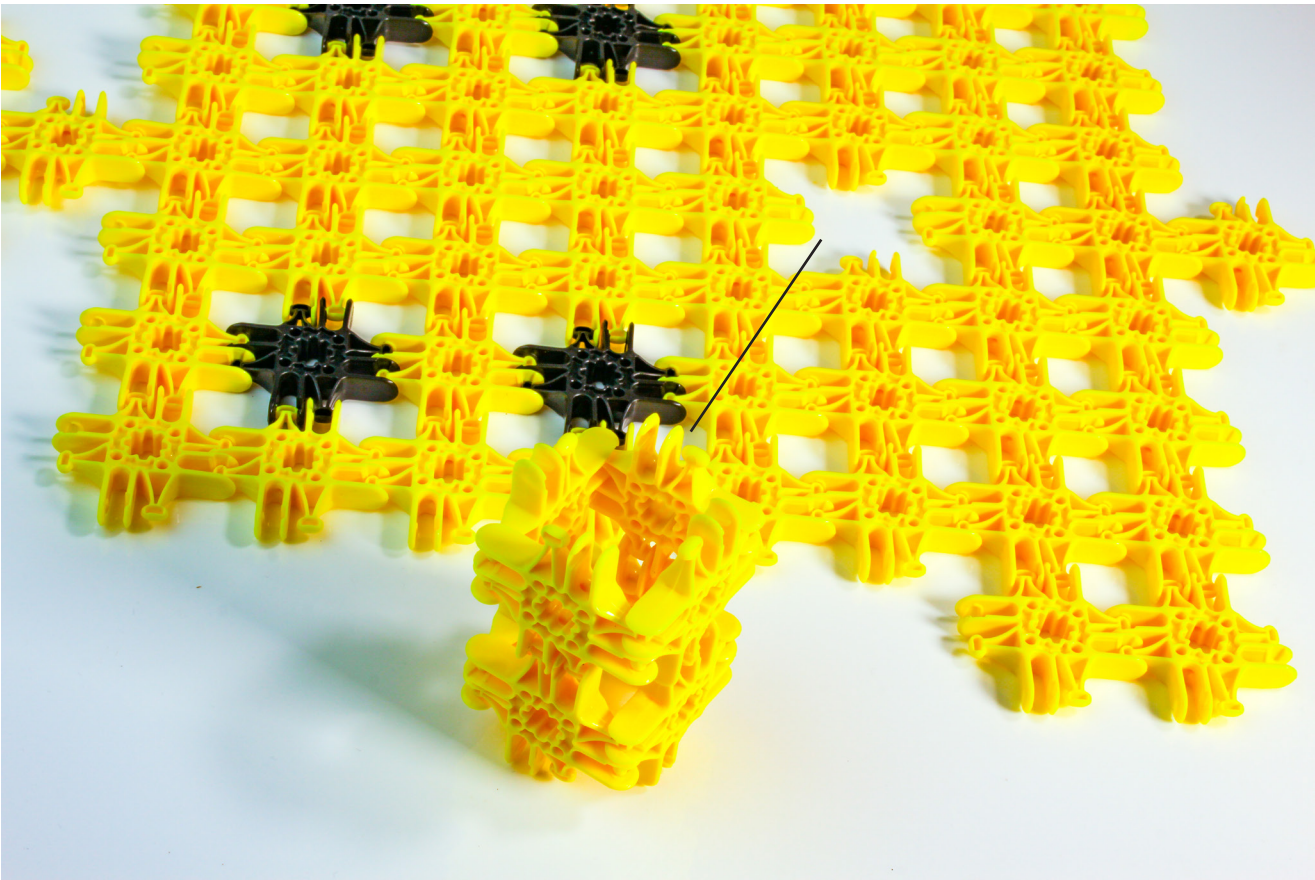


Snap together the main hull configuration on a flat surface

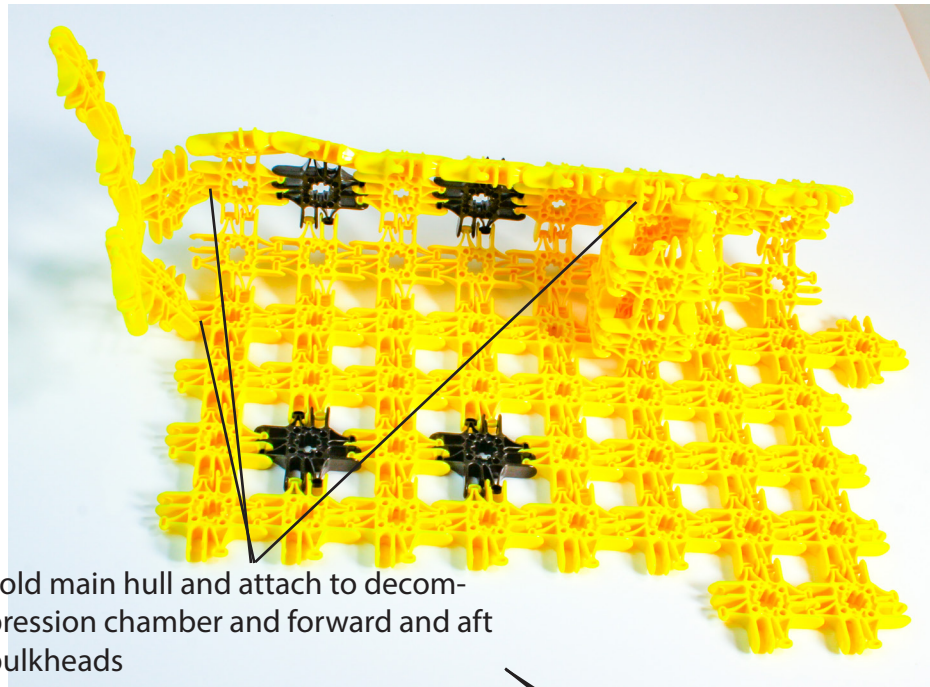
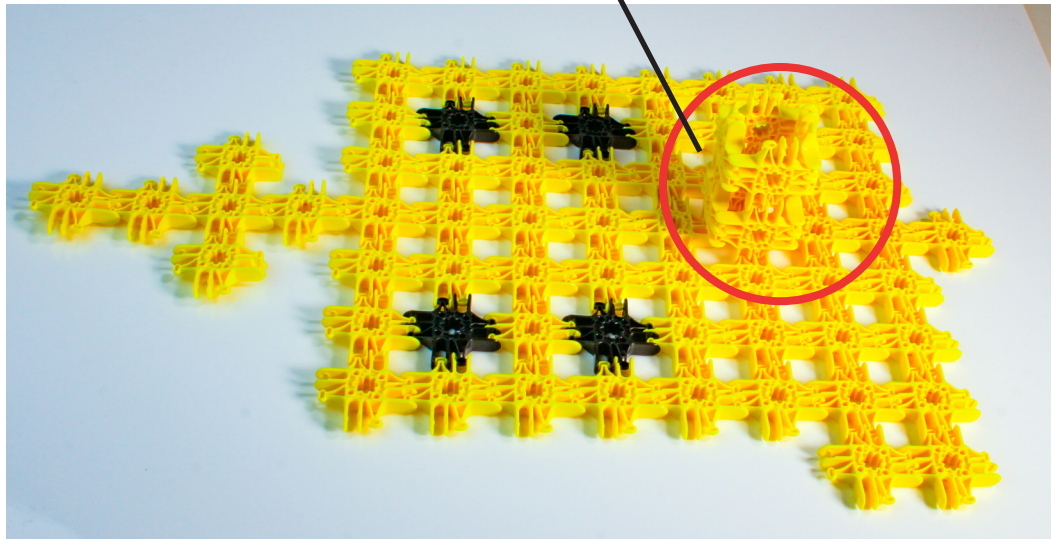




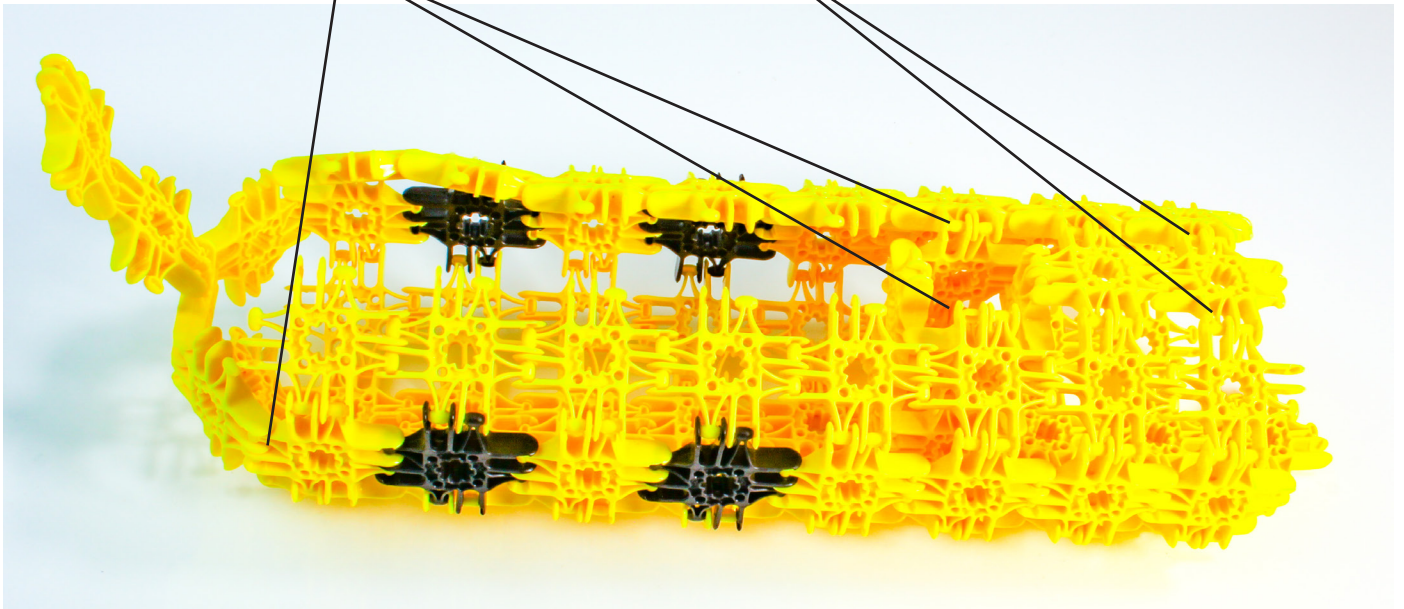
Snap together the decompression chamber bulkhead so the dimples are facing out. This will permit the bulkhead to attach to the opening in the hull

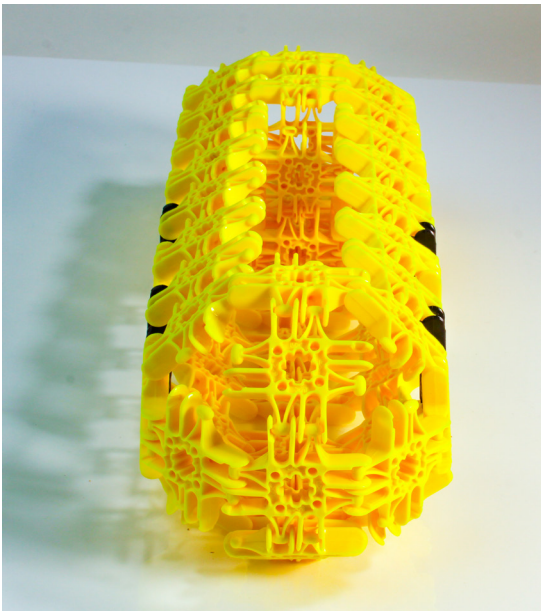


Attach decompression chamber

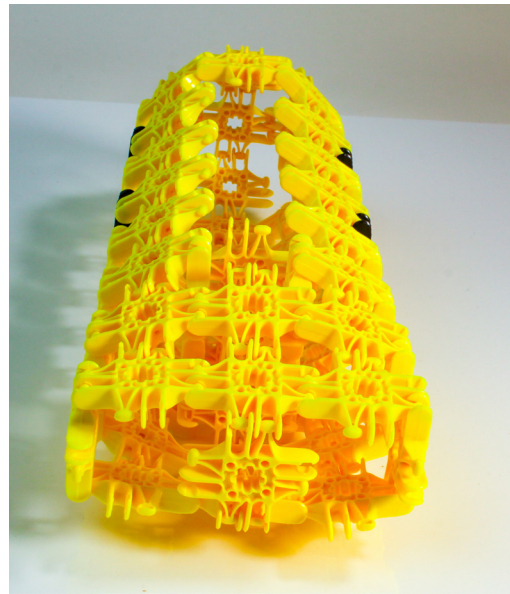


Fold main hull and attach to decompression chamber and forward and aft bulkheads

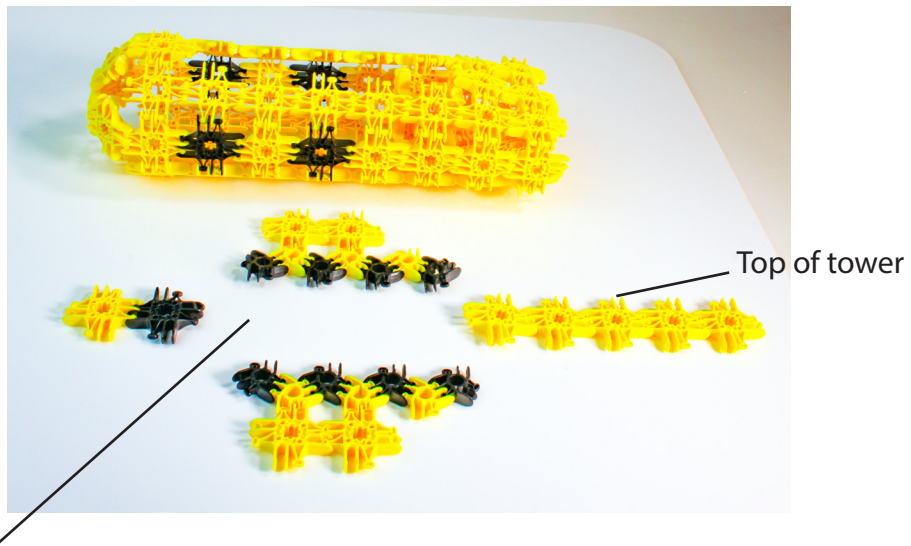




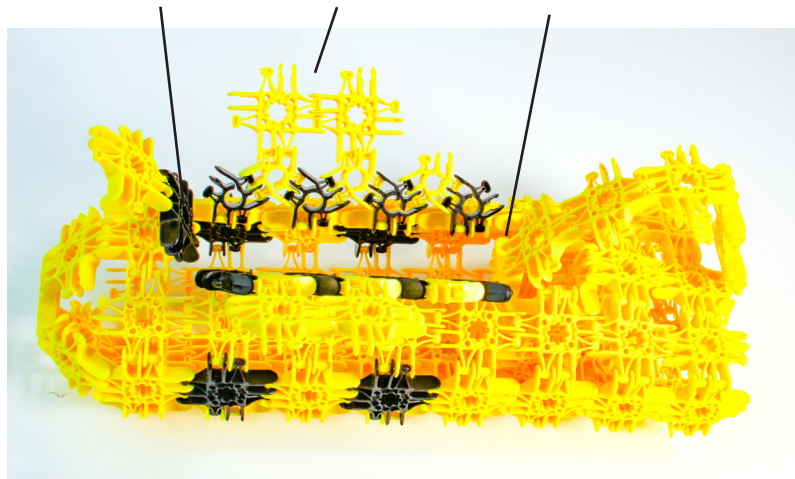
Front view of main hull



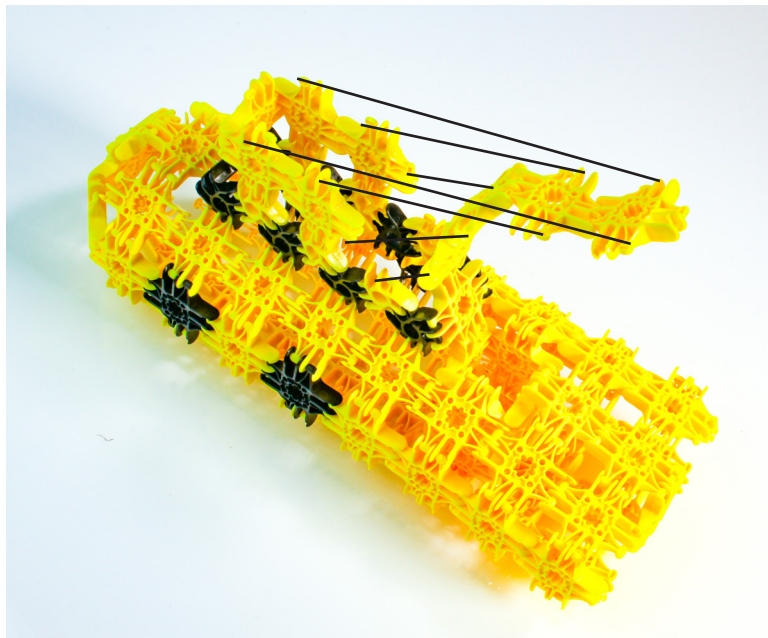
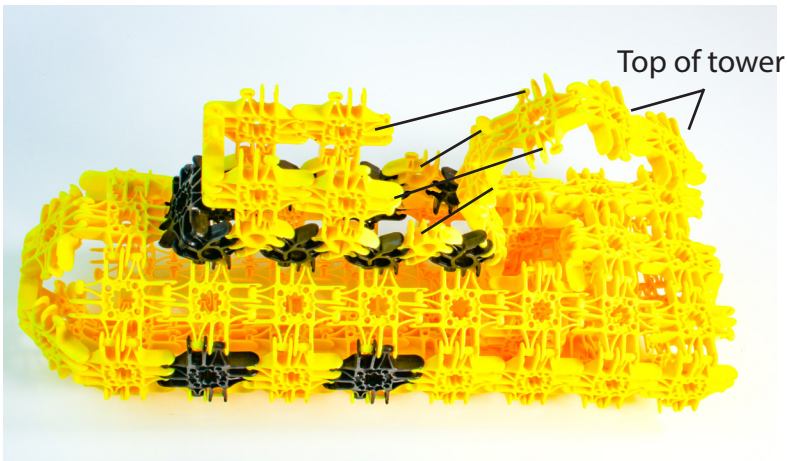
Rear view of main hull



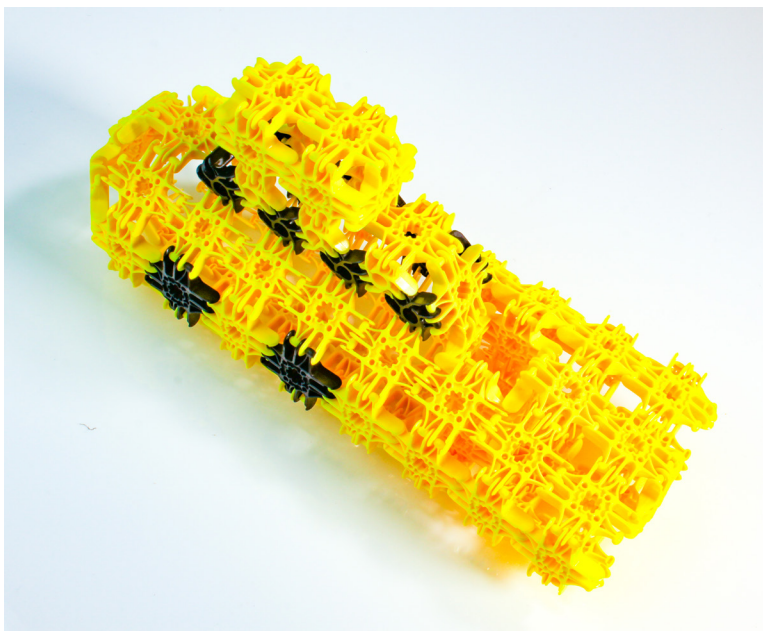
Lay out the conning tower part with the dimples facing up and then attach the conning tower sections to the rectangular opening on the top of the hull

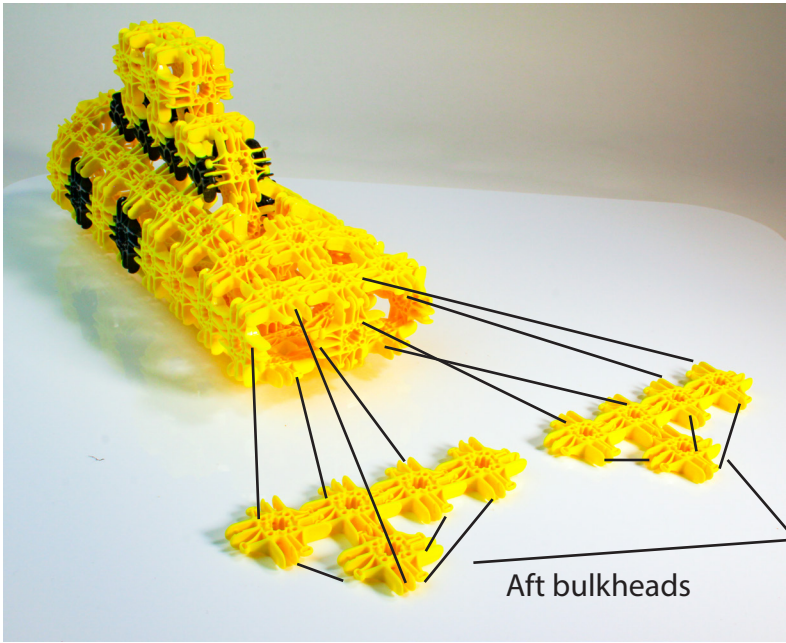


Conning tower assembly



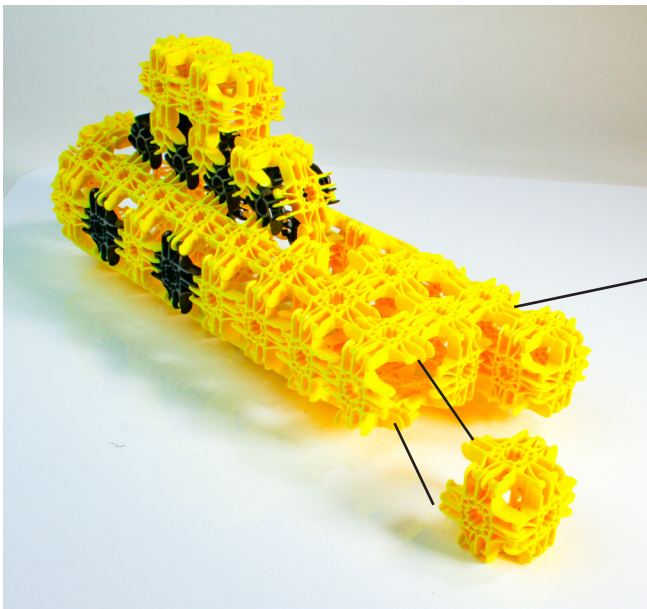
Attach the top of the conning tower starting at the back and going to the front, as shown.



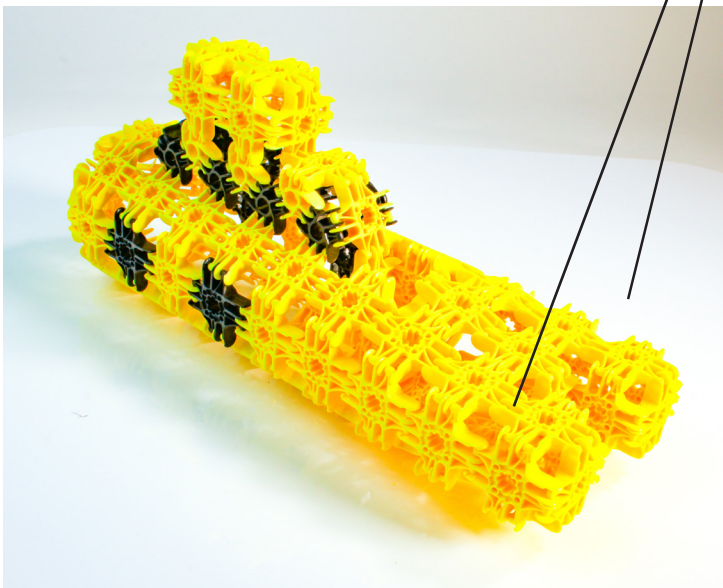


Aft bulkhead assembly

Pre-assemble the aft bulkheads as shown with the dimples facing up and then fold them up into cubes



Attach the aft bulkheads to the main submarine hull as shown

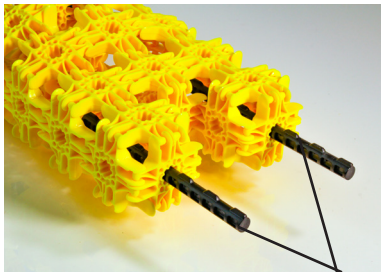




Pre-assemble the parts of the propellers and aft hydroplanes

The aft hydro planes also act as rudders and should be free to move from side to side

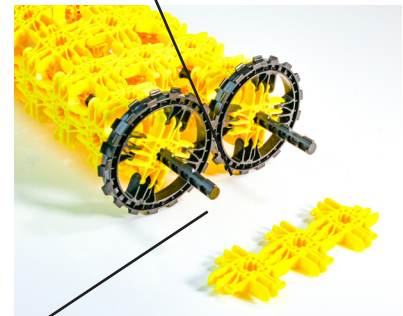
The propeller's gears should mesh together and move each other



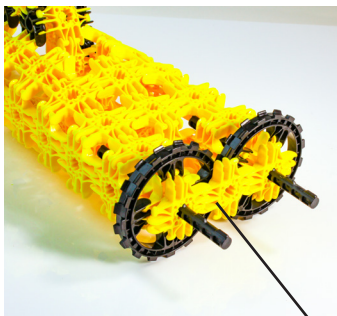
Insert the #7 long axles so the three keys and three spaces are exposed



Slide two large wheels over the axles until they are nestled against the face of the aft bulkhead



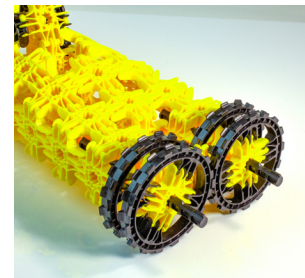
Assemble the three-square spacer



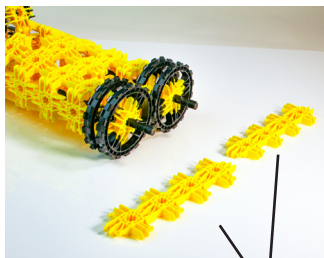
Slide the space bar onto the two shafts until they are against the forward propellers



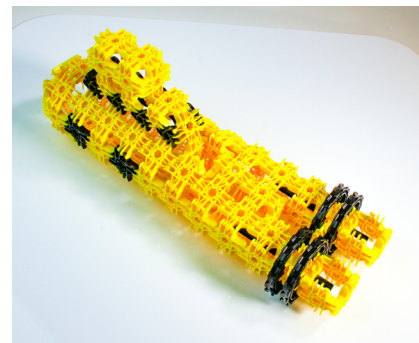
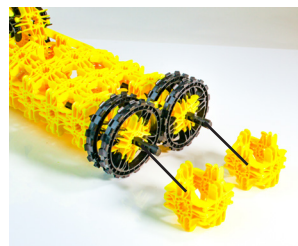
Assemble the rear propellers

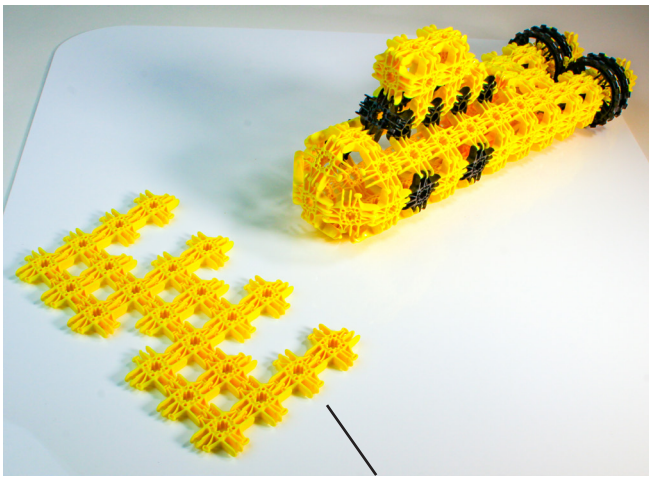


Slide on the rear propellers until they are against the three-square spacer

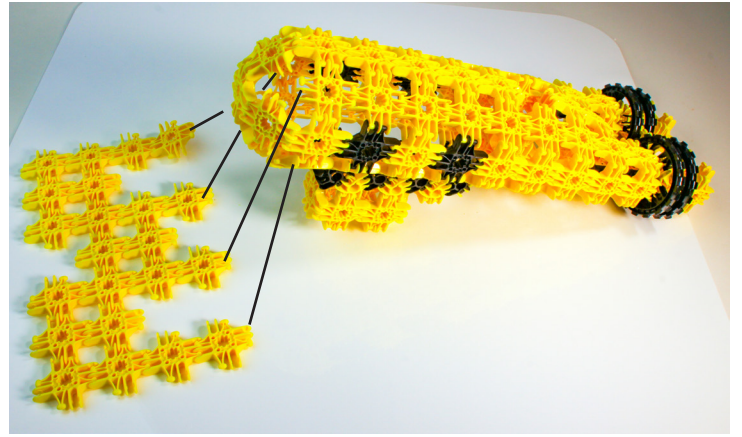


Assemble the aft hydroplane and insert onto the shafts

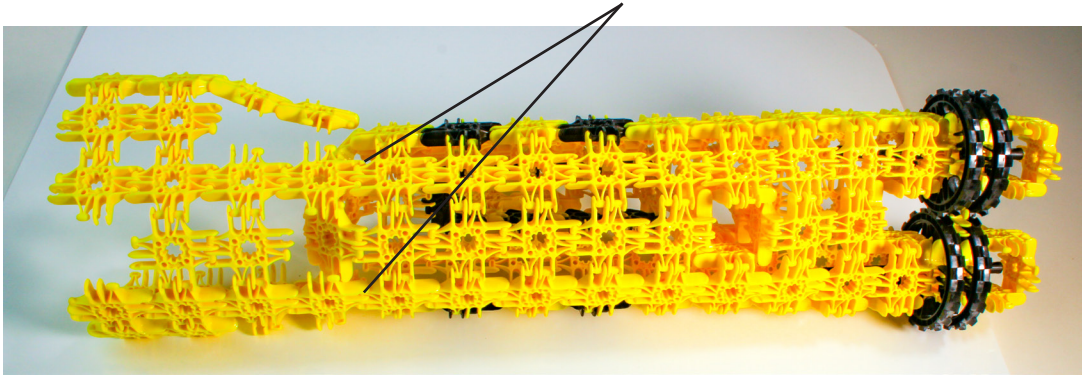




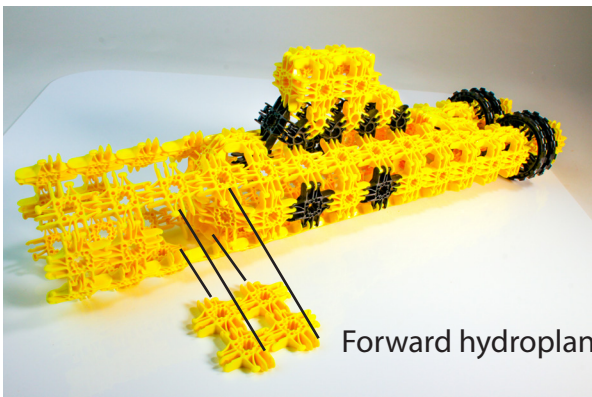
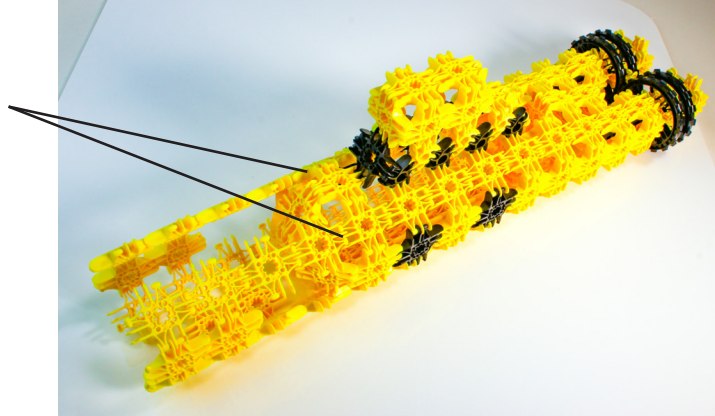
Pre-assemble the mini submarine bay by laying it flat with dimples facing up



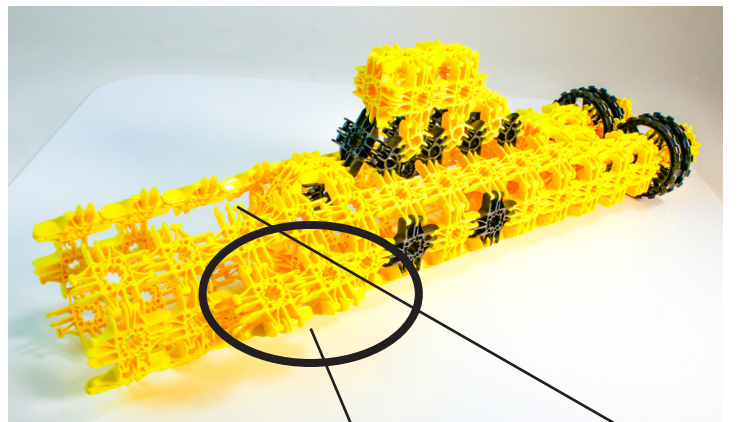
Flip the main sub and attach the bottom of the mini submarine bay to the bottom of the main submarine



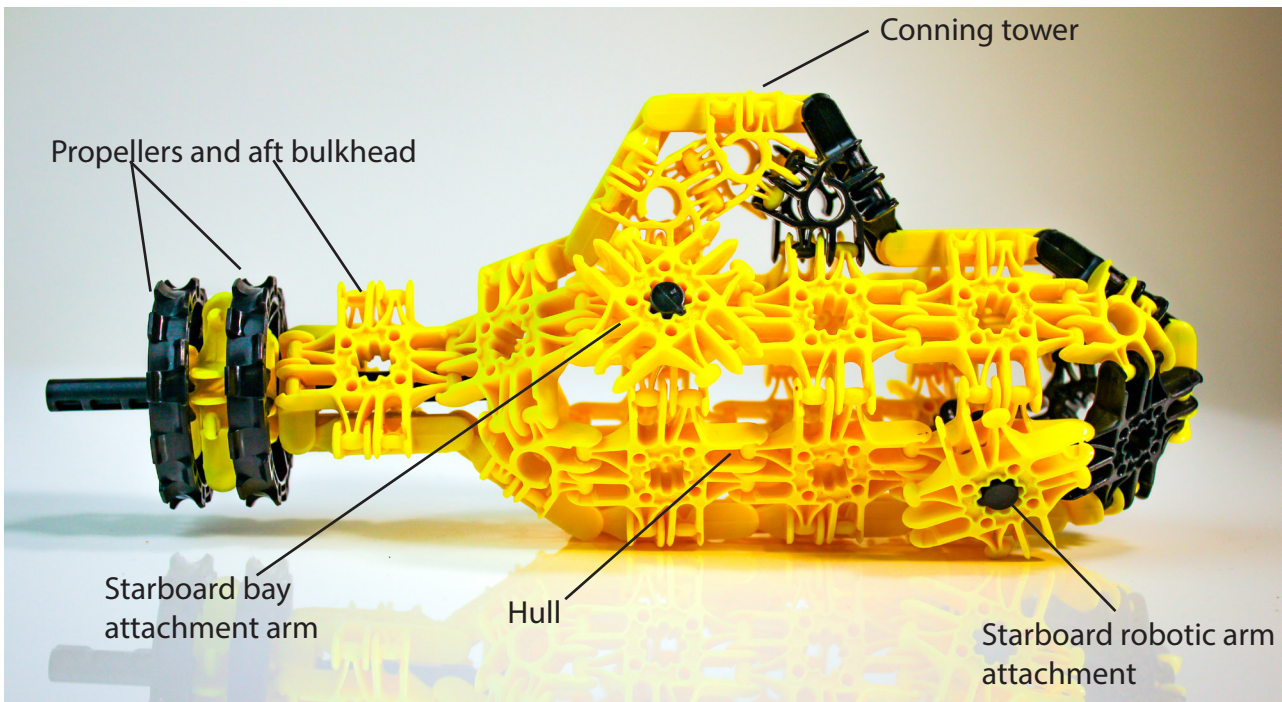
Attach the top of the mini submarine bay to the top two remaining sections of the main submarine forward bulkhead



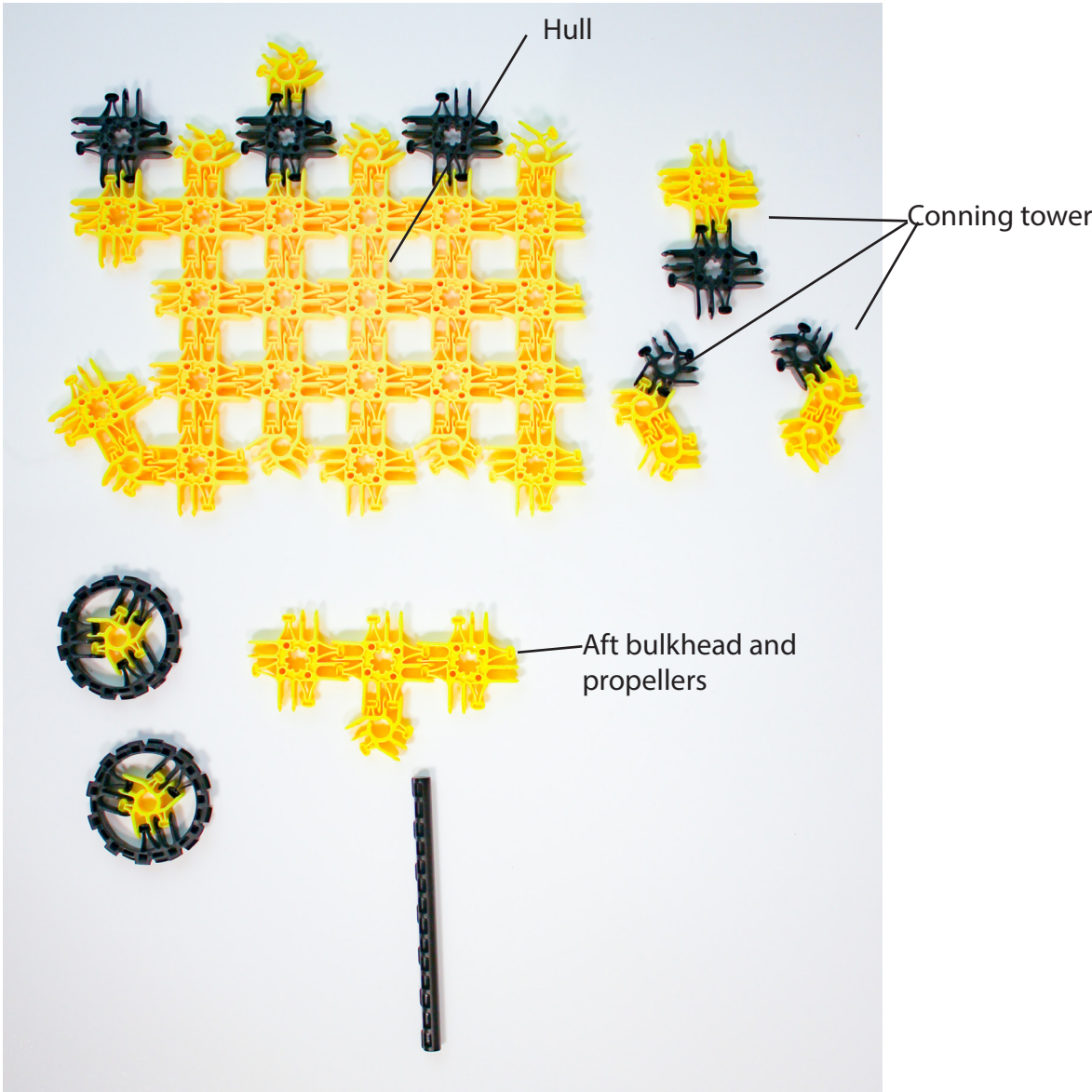
Forward hydroplane

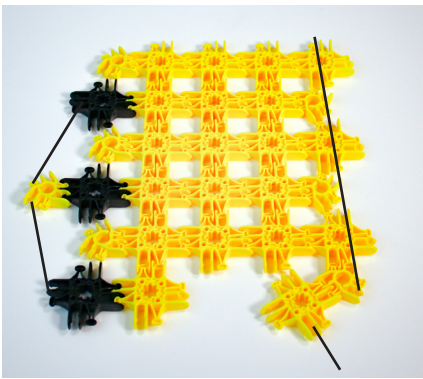


Attach the forward hydroplanes to the rectangular openings on the port (left) and starboard (right) sides of the bay (repeat steps on both sides of submarine)

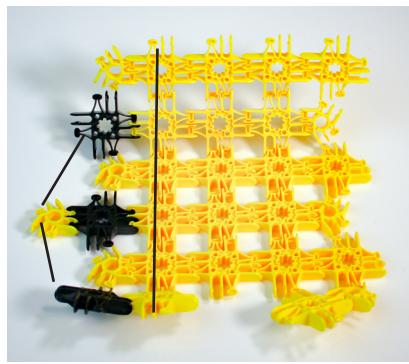


Making the mini submarine

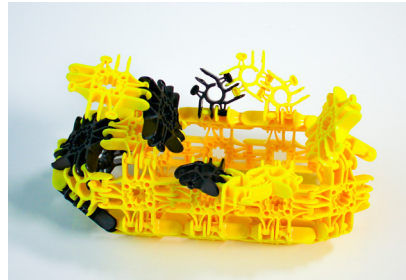
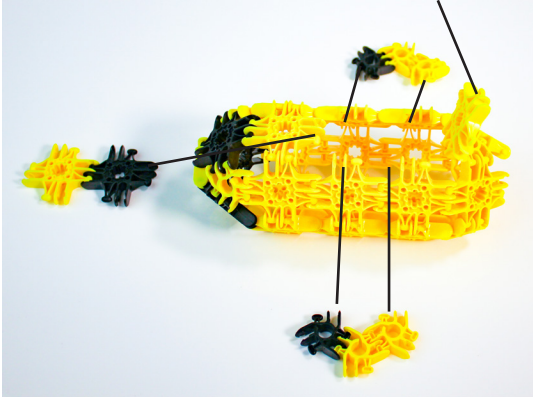
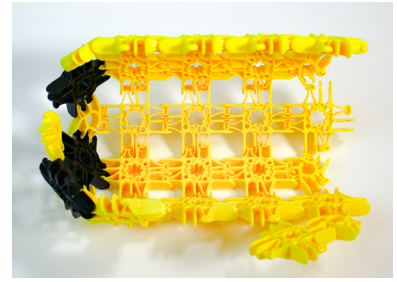




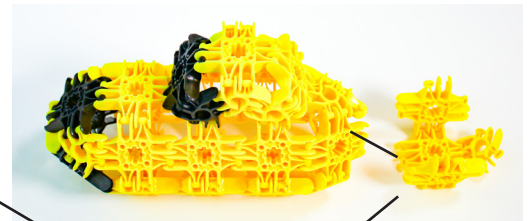
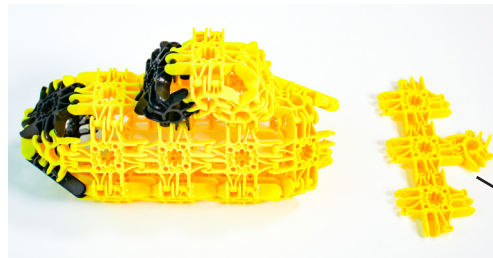
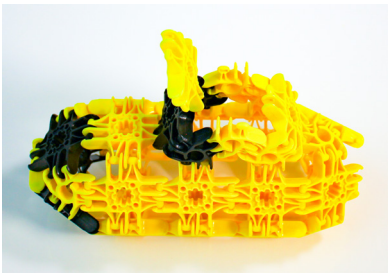
Rear conning tower wall



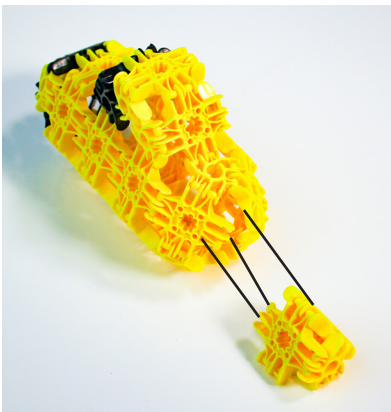
Assemble mini submarine hull



Attach the conning tower to the rectangular opening in the top of the hull (the rear conning tower wall was already attached to the hull pre-assembly)



Assemble and attach the aft bulkhead to the rear hull of the mini submarine



Lay out the propellers and propeller shaft, the mini submarine bay attachment arms, and the robotic arm attachments



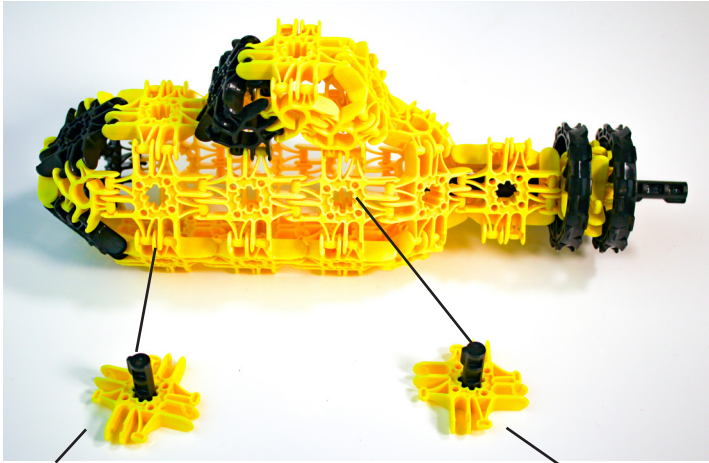
Insert propeller shaft this far



Slide on first propeller

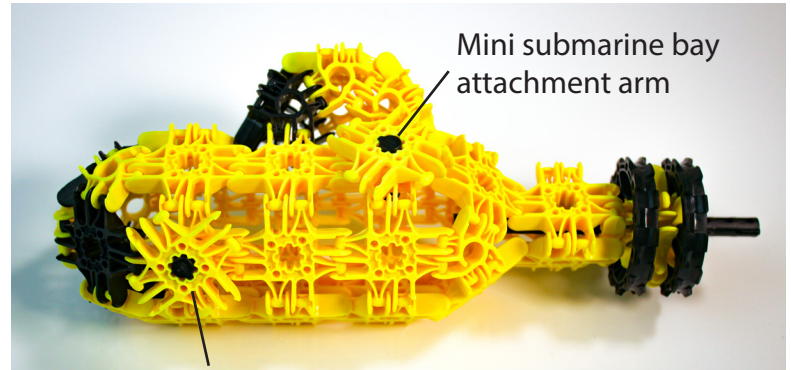


Slide on spacer and second propeller



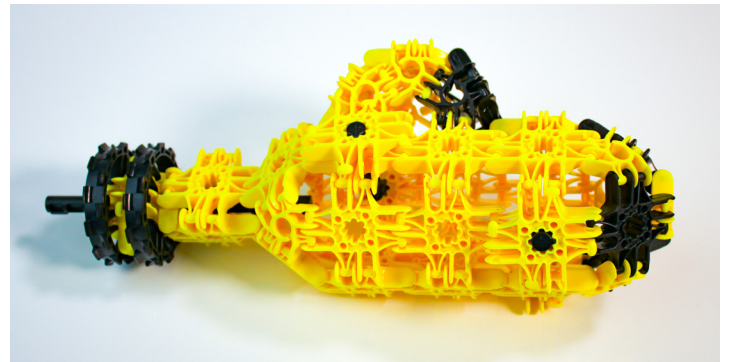
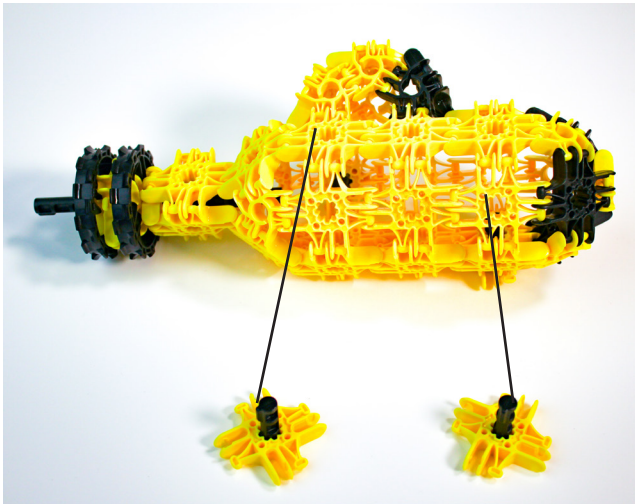
Robotic arm attachment

Bay attachment arm

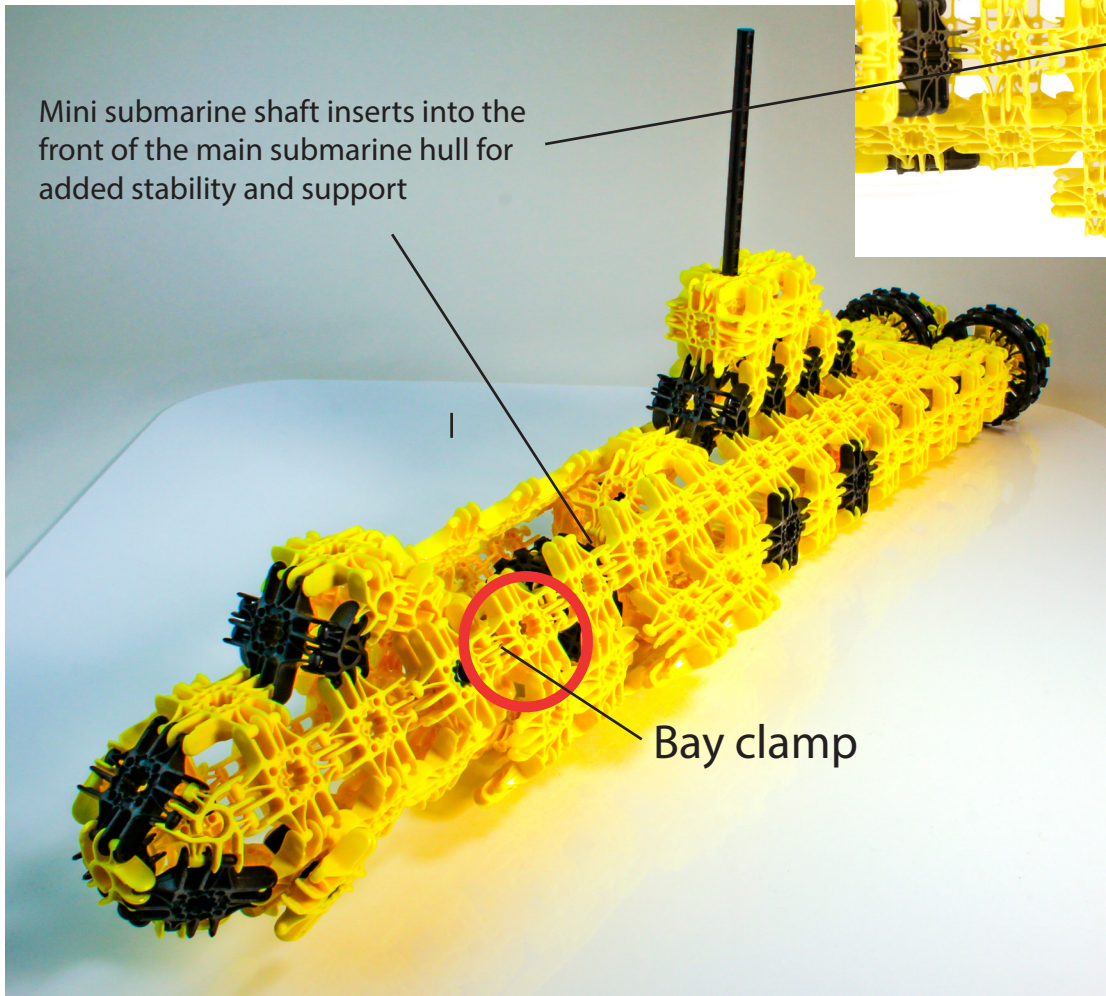
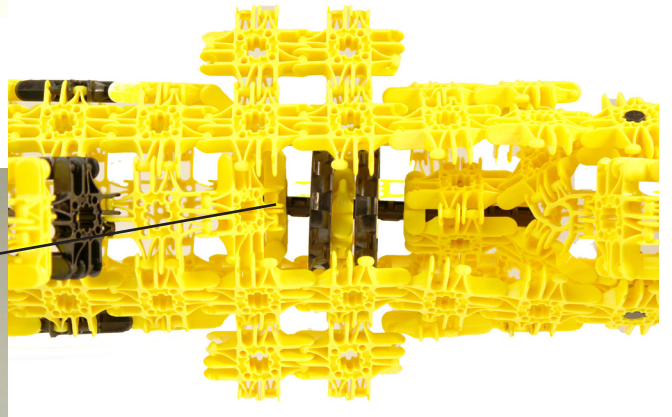
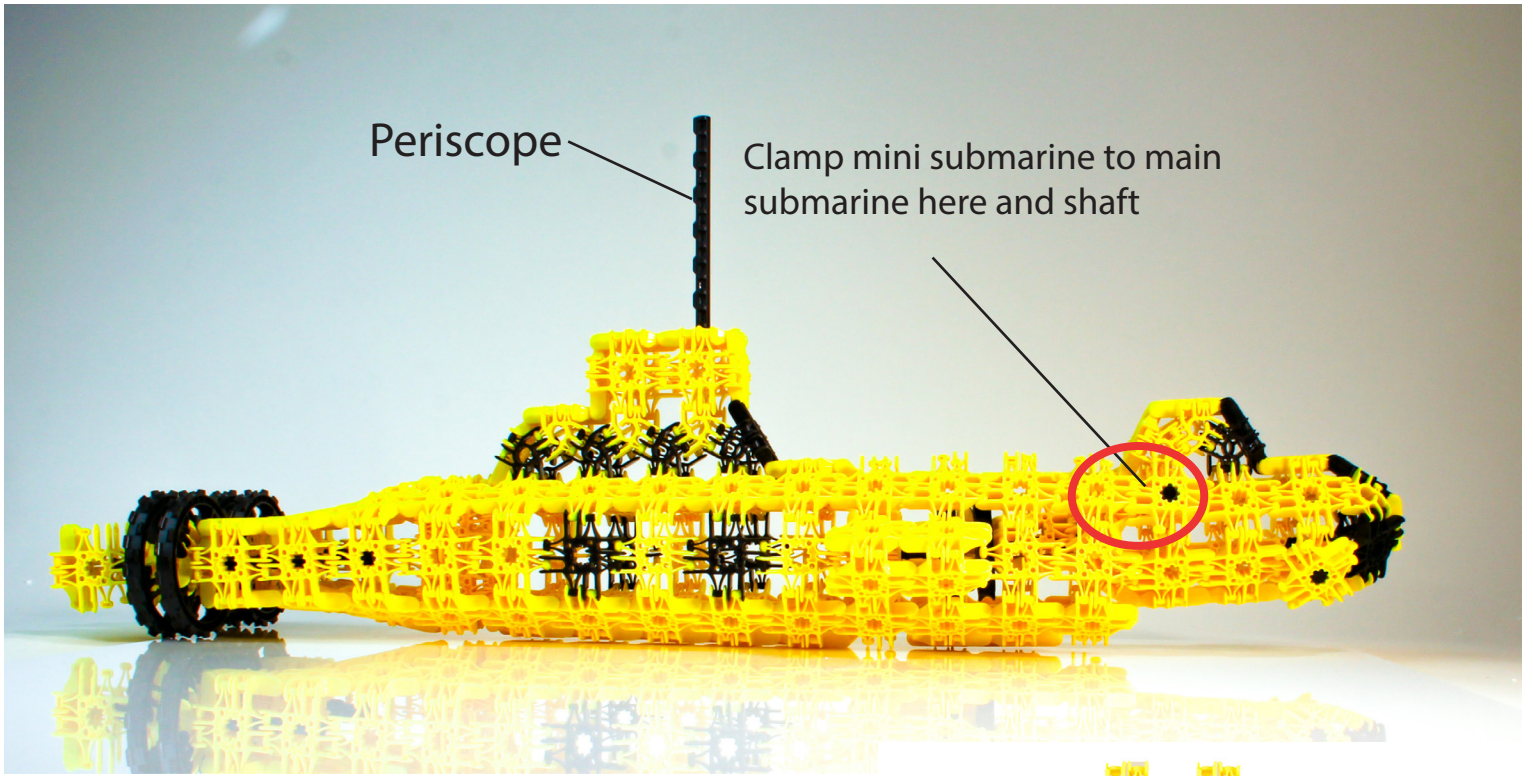


Mini submarine bay attachment arm

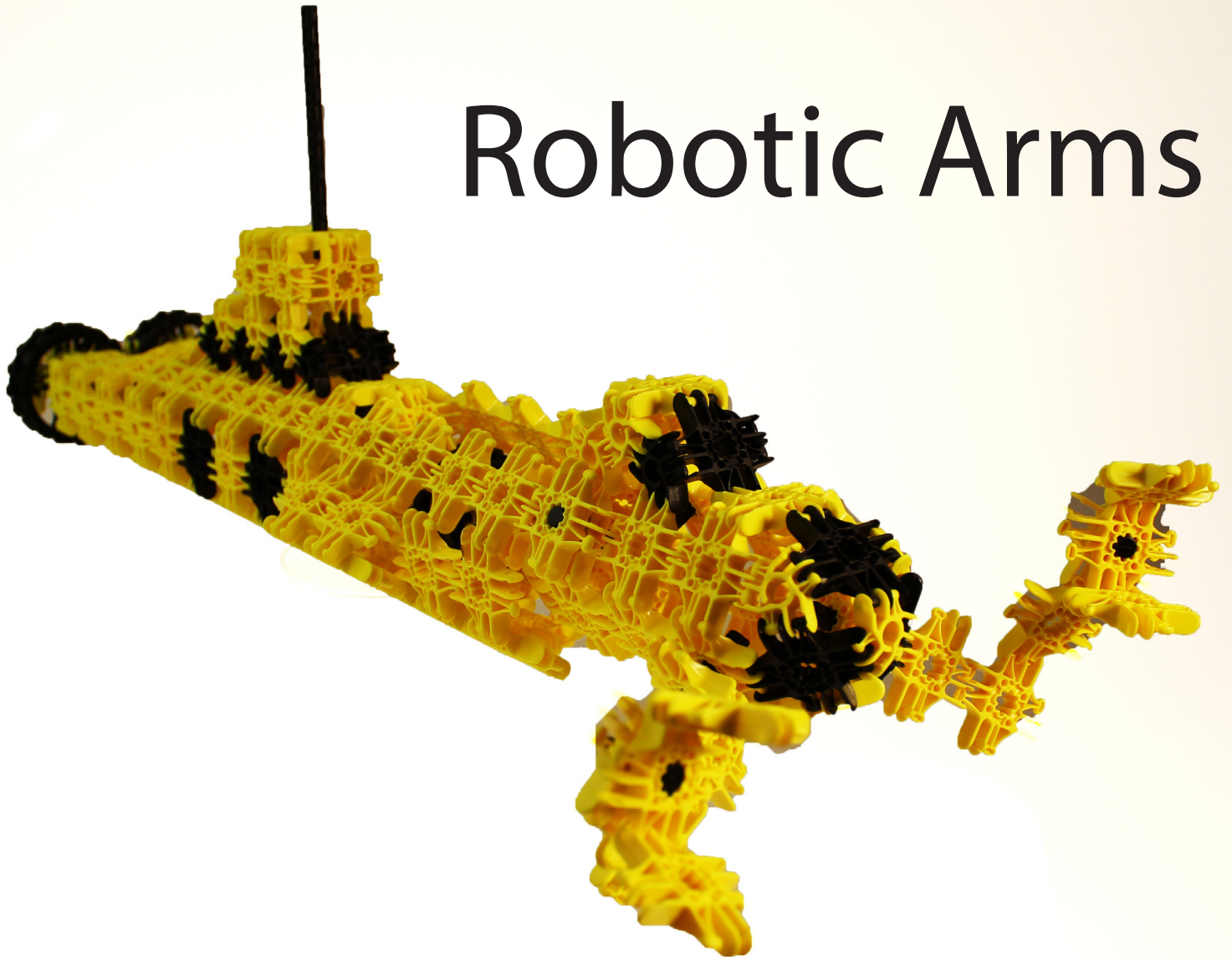
Robotic arm attachment



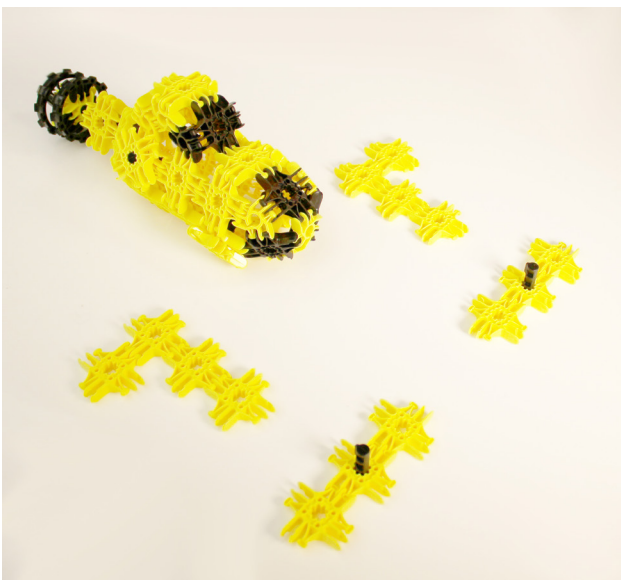
Make sure that the axles go all the way into the hull so the attachments can freely turn to allow for the robotic arms and the bay attachments to work well

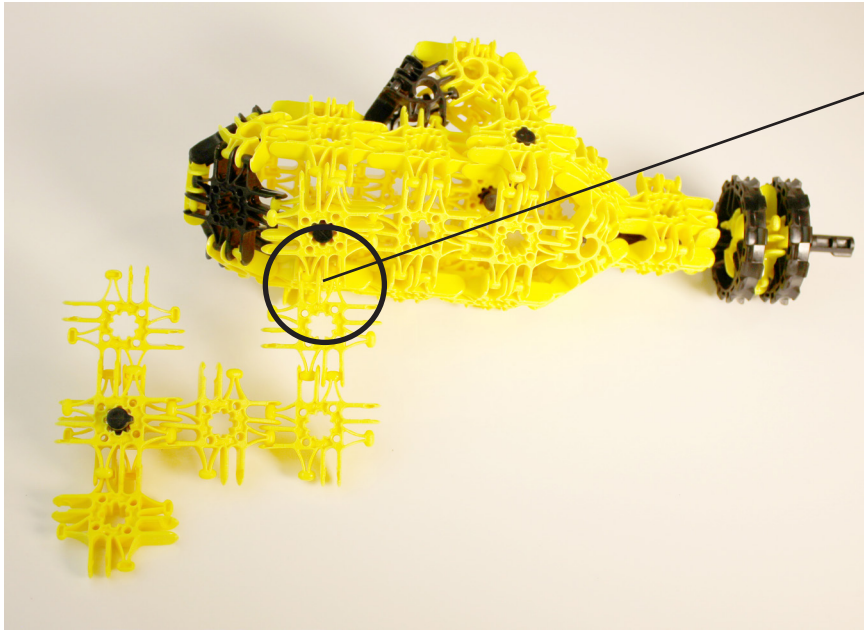


Robotic Arms

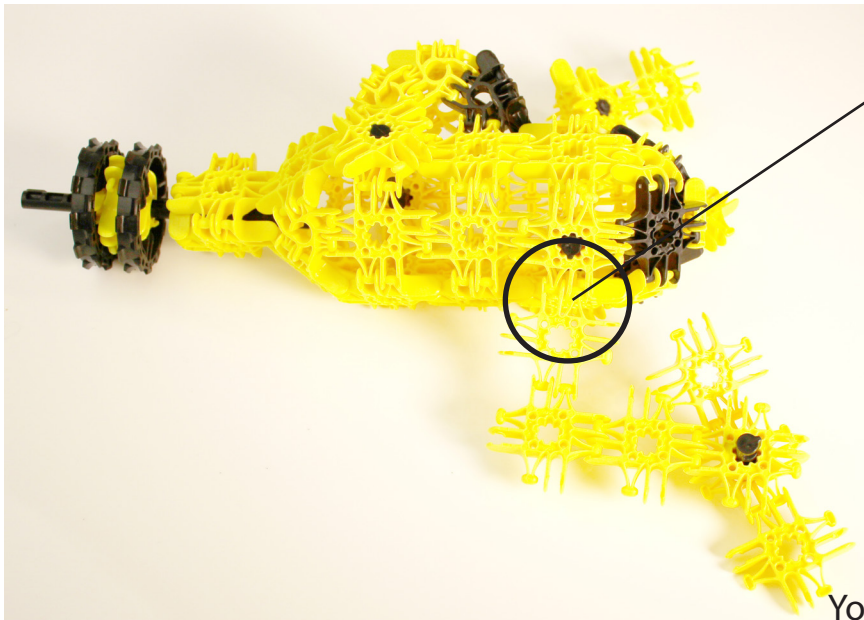


Pre-assemble the left and right robotic arms and their hands as shown



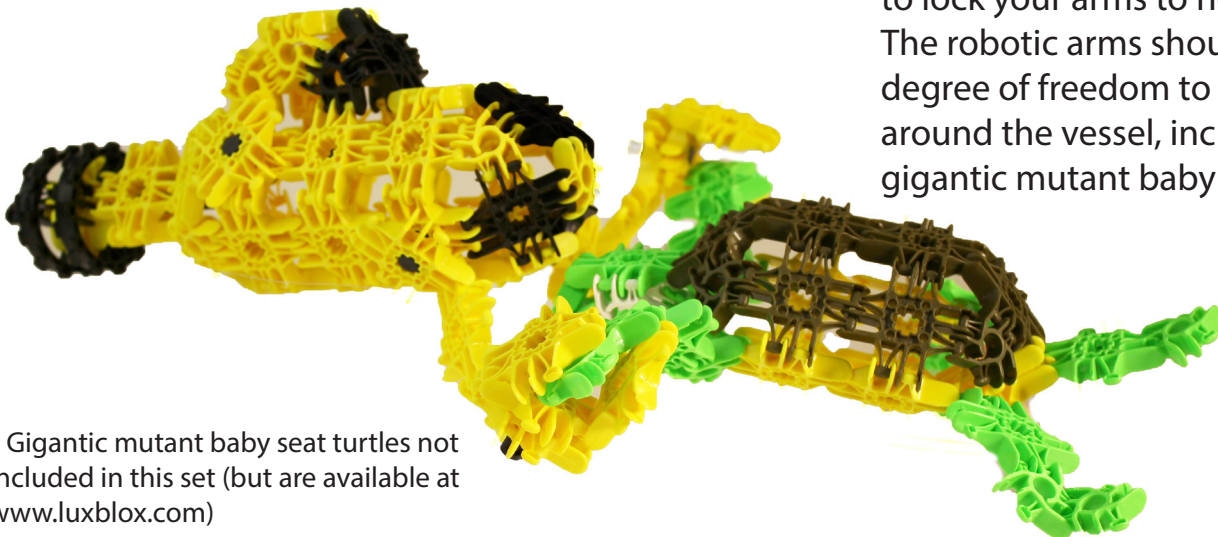


Attach the port (left) arm to the arm attachment as shown

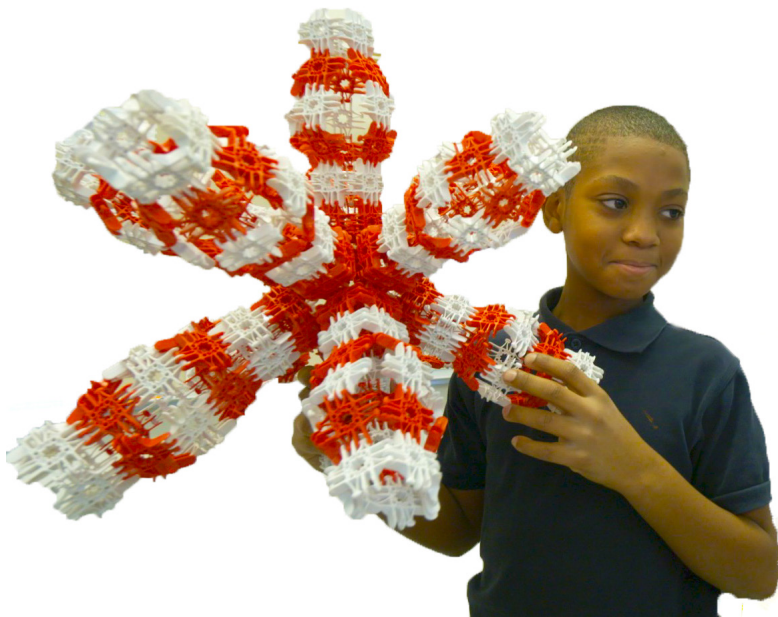


Attach the starboard (right) arm to the arm attachment as shown

You can adjust the small axles by pulling them so the key goes into the hole to lock your arms to hold a position. The robotic arms should have a large degree of freedom to access objects all around the vessel, including gigantic mutant baby sea turtles *



* Gigantic mutant baby sea turtles not included in this set (but are available at www.luxblox.com)



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