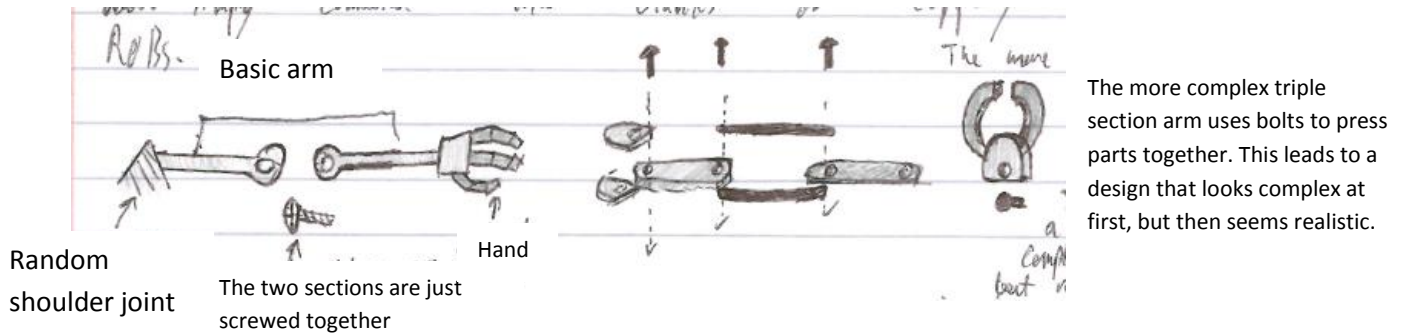
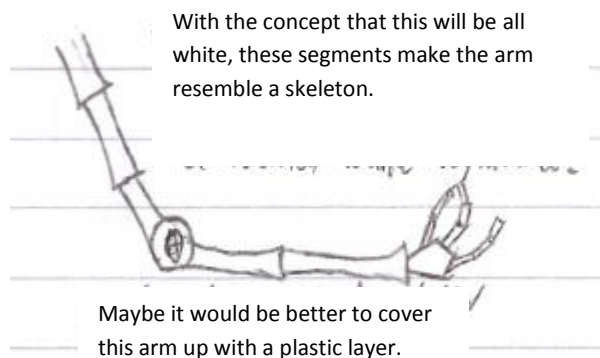


## Design: The Playable Character- The Arms and Hands

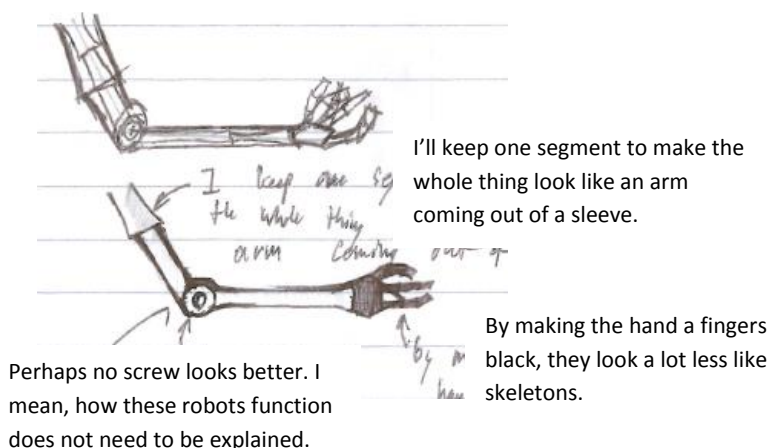
Unlike the head, there is fewer options when it comes to the arms and the hands. As I have already stated what kind of design I had in mind, it ultimately will come down to the level of detail I feel would be appropriate for the task. I have stated that I would want the arms to follow a pipe-like design. The real question is if I want the arms connected like Clanks with a simple joint, or complexly connected like ROB's:



If we stick with the idea of a male and male and female robot, then going by human proportions, it would be stereotypical for the female to have the slender two-section arm in industrial white and the male the thicker three-section arm in dull matt grey with black outer shelling.



I feel like I may stop with that arms here and make 2D and 3D prototypes digitally to see if the added depth will help smooth out the visuals.





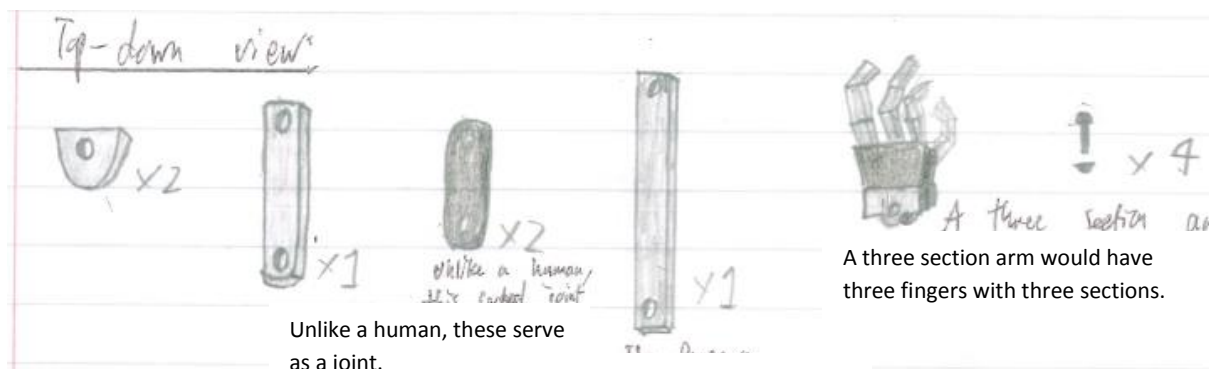
I decided on two fingers with two joints, but the design of the hand doesn't really suit it.



By removing the symmetry, the hand starts to look better. I guess this would make sense as a human's hands are not symmetrical either.

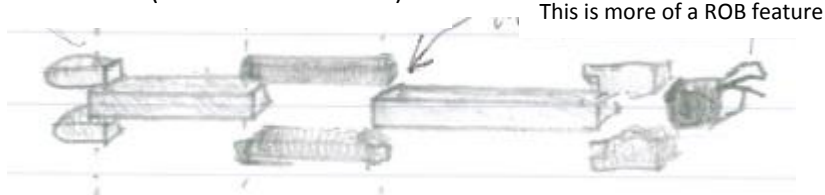
I feel like I may stop with trying to get a better concept of that arm. I feel like a 2D and 3D digital model will help solve some of the design problems, as it seems just a little too flat in these images.

Like the slender 'female' arm, a lack of texture (mostly a problem due to my limited art skills) will make sketches of the bulky 'male' three-section arm hard to comprehend.

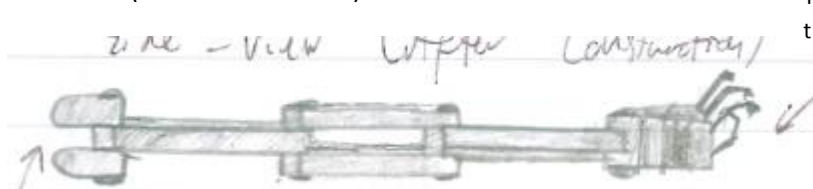


This design is inspired by the simple 'construct a robot' kit meant for children. Therefore, it only felt appropriate to mimic the layout while designing it.

Side View (before construction)

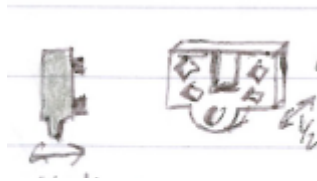


Side View (after construction)



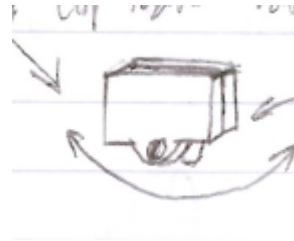
The fingers should be thicker.

This will just slip into the body.

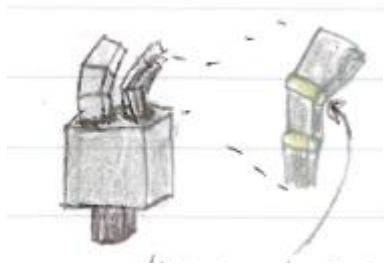


1/2 thick

The wrist actually consists of two parts; they clip together rather than being bolted.



Snaps together



The main hand inserts into the wrist section when they snap together.

Although you can't normally see them, the fingers have golden joints at the interconnections.