

Space station

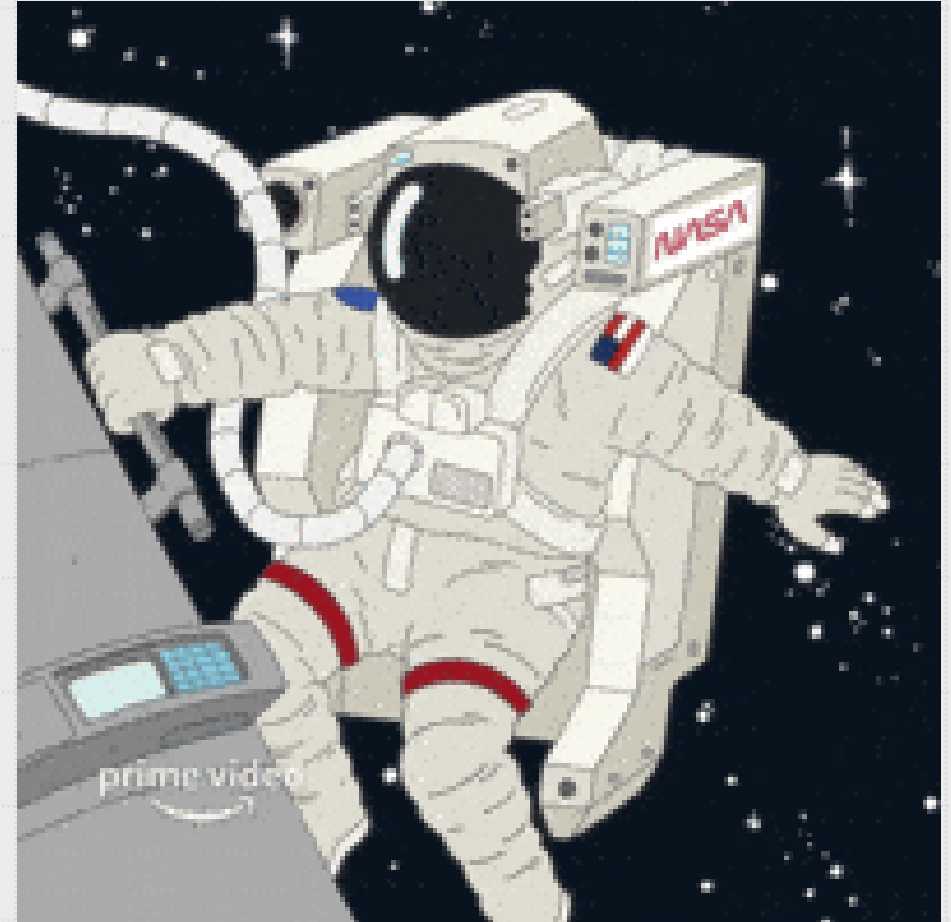
Name Astra Guard 200



From The english school
gothenburg

Target group= Astronauts.

- Comfortable sleeping and seating
- Easy access toilets.
- A privet room for them to take it easy.
- A Net around a specific part of the space station so when the astronaut needs to fix something outside the ship he won't fly away.
- For entertainment you can have magnetic chess for example, so the bites don't fly away.





Communication

- Astronauts will get easily lonely and can make them not want to stay up there for as long as needed. That's why we focused extra much on communication. there will be two moniters, one with their family live all day round and one moniter connected to the space station down at earth wich they can turn on and off.
- This will give them unlimited time chatting and spending time with people outside of the spacecraft.

Brainstorm



Three robotic arms that will collect space trash and clean solar panels if needed, this will be powered by solar panels.



For the people to get up to the space station there will be a robot flying up and down picking up the people. When your getting sent up your in a space suit in a room fully made of cushion so if any sharp turn is made you wont hurt your head for example.



A green house.



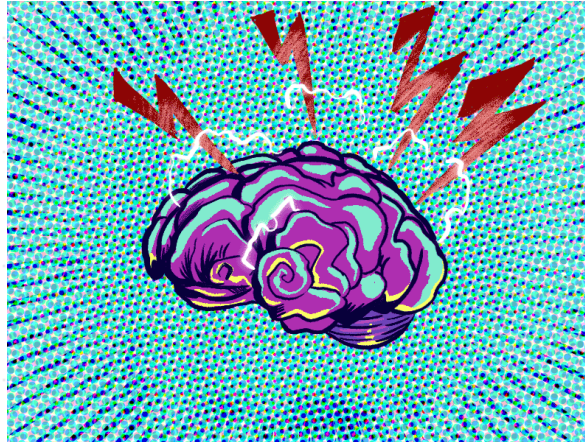
A lab room for communication and to store the trash it collects.

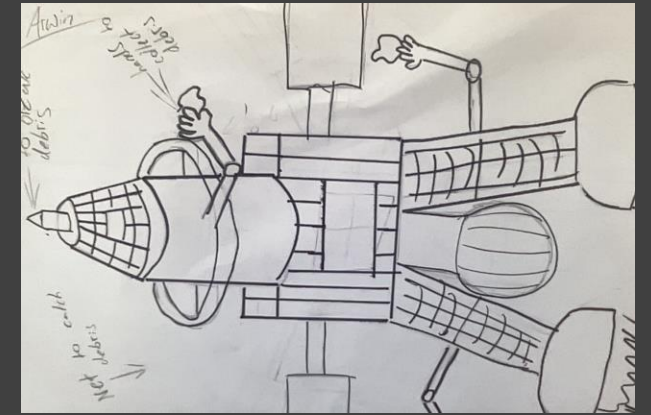
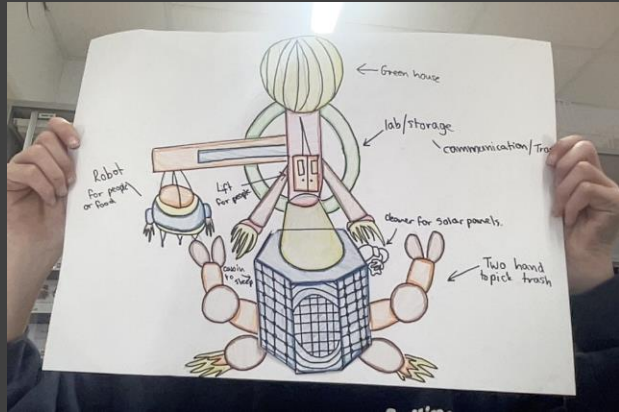
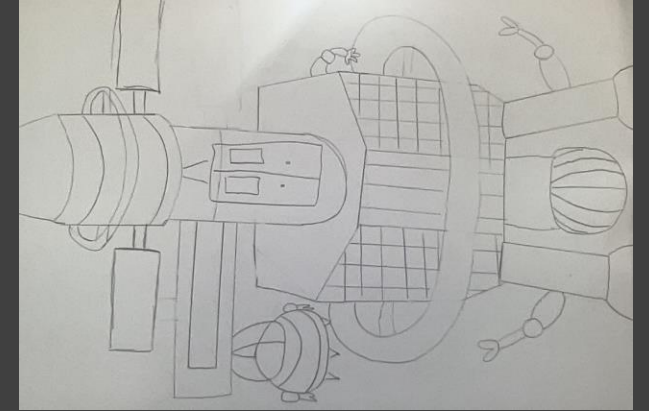
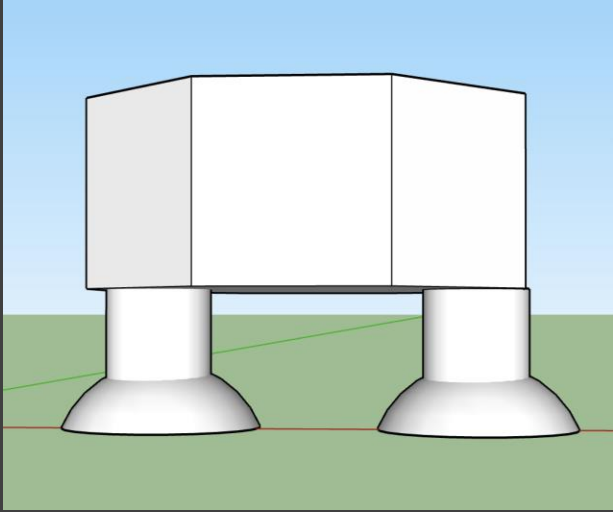


200m long



The Sun's energy concentrated onto space trash to melt it into new materials.(recycle space debris/trash)







Here is what we made so far 🤩



What to do next week!

- Next week we need to start sticking and gluing our space craft parts together by making the base and going from there. Then we will make the middle part finish the base and make the top and robot hopefully.

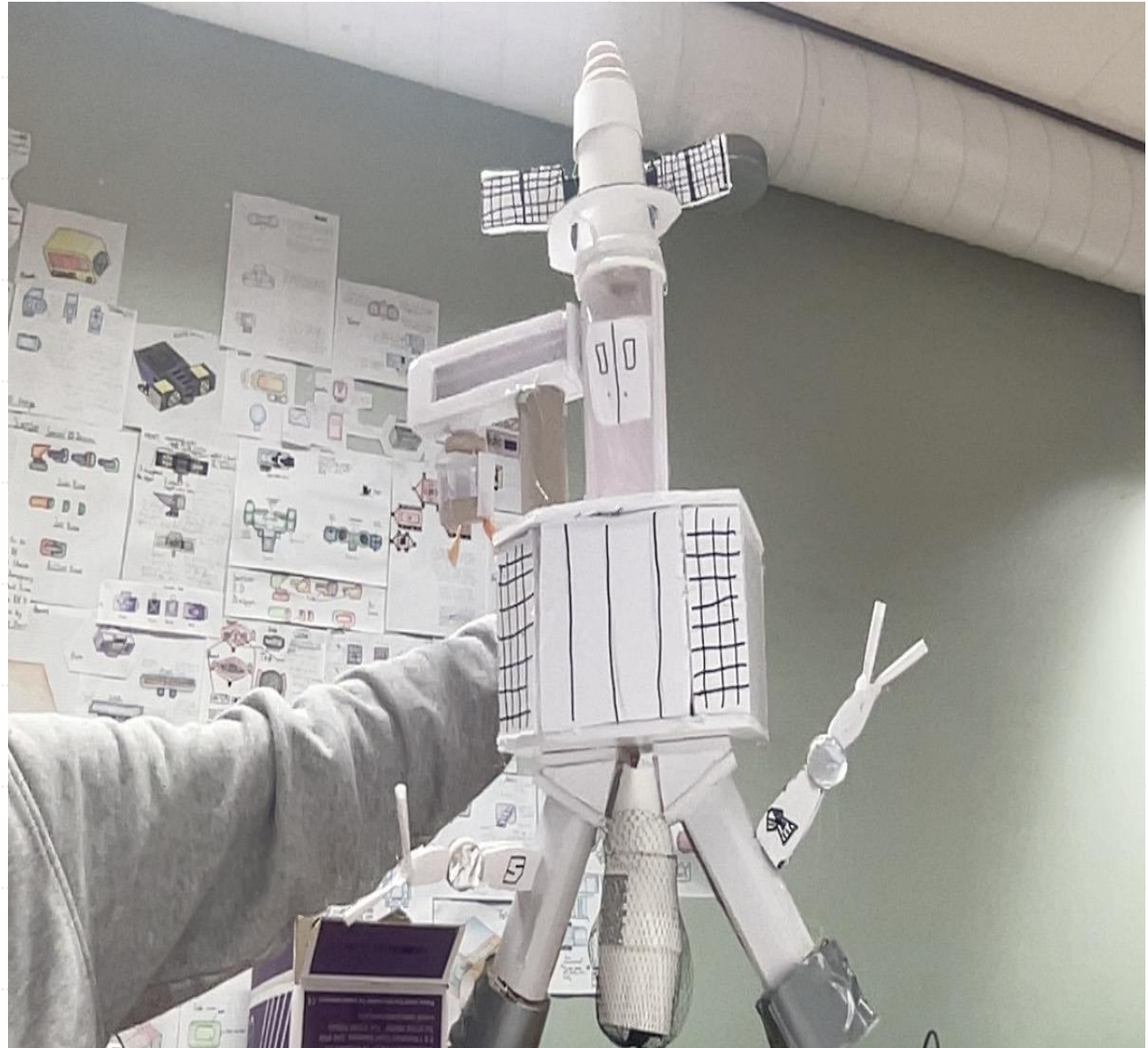
This is what we have so far

- This week we made the elevator and elevator tube. We also made the base and made it more stable. We made the top and the robotic arm and mini spaceship.
- Next week we hope to finish and start painting.



Last time making the space station.

Jude write here. Jude has done
making the last solar panel And
glueing some tinfoil on the
arms





What we named our space station

- **We Named our Space station and it is called AstraGuard 200:**
Combining “Astra,” meaning star or relating to space, with “Guard” implies protection and maintenance of space environments, while “200” emphasizes its height.

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Reflection

How it worked in the group is that Arwin and Alice worked mostly on the space station and Jude was fixing this presentation most of the time. We had good teamwork and shared our materials together and we told each other what to work on and what to do next week.

Our plan went mostly to plan but we did have to change some stuff like taking away some of the parts since they wouldn't fit.

Our experiment

Our space craft picks up trash from earth, with that we want to melt the materials down and bring them back to earth to create new resources.

If this works out would make a great impact and fix the problem of space trash polution.

