Note to Semi-Finalists

Thank you very much for participating in the HUNCH Design and Prototyping. This was by far the most difficult year for deciding finalists. Part of the difficulty was the number of teams participating but the most important part was the number of high quality of prototypes for each of the 10 projects.

Each Mentor helped choose potential finalists for their area and were then compared with the same type of projects across the country. Teams that were selected to be finalists had very tough competition and it was very difficult to down select. Although everyone wants to be a finalist it isn't possible and decisions have to be made. Some of the decisions include the requirements but also trying to show diversity of how the problem could be solved. There was no shortage of good and diverse ideas.

Being a Semi-Finalist is a great honor because each of you put together a project and data that made the teams think, learn and be excited about space. Your great ideas and hard work is what makes NASA HUNCH a challenge and a great experience for engineering. We hope you enjoyed the projects as much as we all enjoyed seeing your prototypes.

If you are a senior and moving on to college, industry, or trade schools, make sure you include your project with NASA HUNCH on your resume. You will find that your interview will center on "what did you do for NASA?" The more you tell them, the more they will want to hear. You will be receiving a letter of recommendation from NASA HUNCH describing Design and Prototype and the project you worked on. We hope that your work will translate to opening doors for your future. Thank you for being in the NASA HUNCH Design and Prototype Program.

VRLUNAR®



Cypress Springs HighSchool

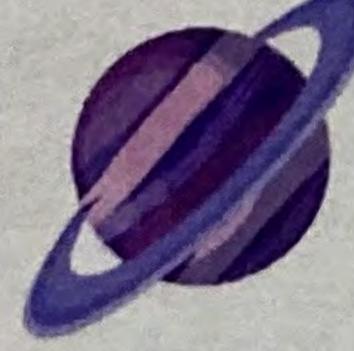
Teacher -Steven marcus



mentor -Glenn Johnson

Ashley Reinkoester, Gissel Martinez, and Ella Jones

WHAT IS OUR PROJECT?



Our project is called the NASA lunar city planning. The VR lunar city is a project to design the layout of a city on the moon for ice excavation while having functional infrastructures and resources to combat low gravity.





We are putting our minds together to design what a functional city on the moon would look like. Each one of us holds individual skill sets to make our ideas come to life.

IMPORTANT FEATURES OF

Some of the most important features of our city are the landing pads, solar farm, nuclear reactor, excavation location, habitat, bone yards and trash pit. They were placed considering distance, proximity between each other, radiation, dust and debris.

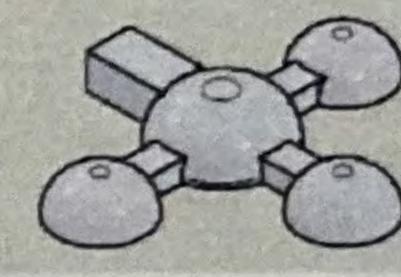
CAD FINALE DESIGNS

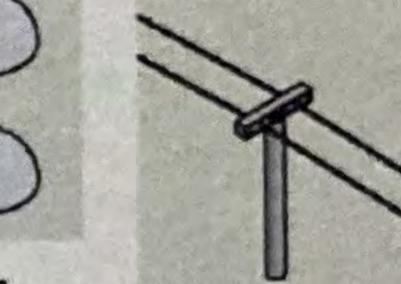


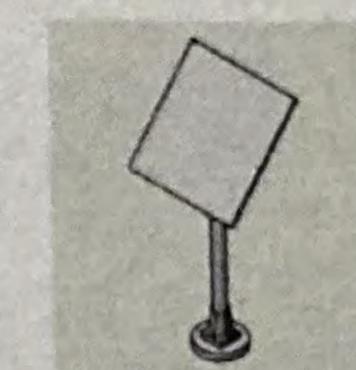


Trash Pit

Bone Yard



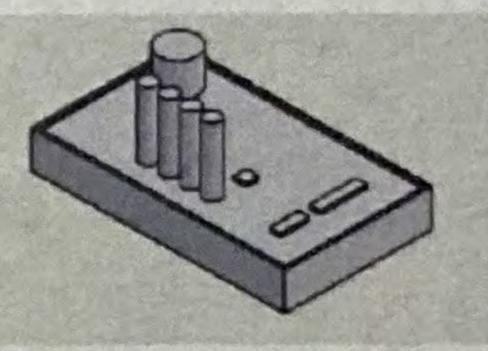




Habbitat

Ski Lift

Solar Pannel



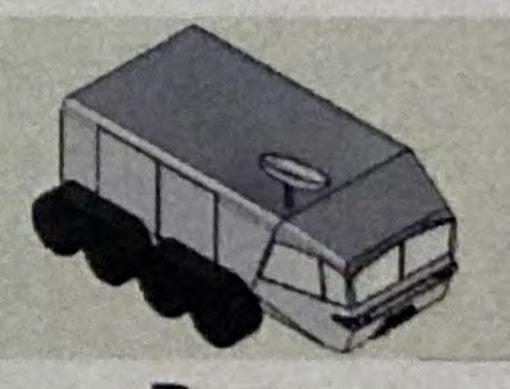




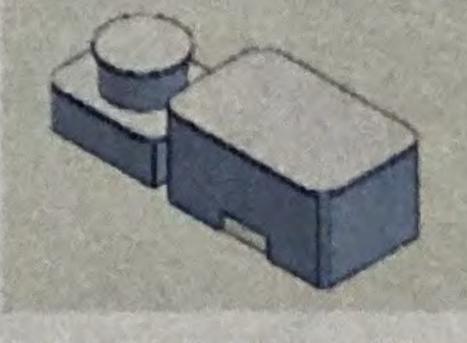
Ice and Dirt Processing Plant

Electric Scooter

Landing Pad







Rover

Mini Nuclear Reactor



QRCQUES



Presentation -

VR walkthrough -

I Video presentation -

