



2020-2021 City Model Slideshow

Congreso de Latinos Unidos, Inc

Ms. Alisa Best

Citadel Galactus City

Delete all PURPLE text before submitting the slideshow for judging. Keep text that is black.

Deliverable Details

- This slideshow is your chance to present your model. Whether your team created a single model or multiple segments, here is where you show off the future city you designed to the judges.
- Choose photos of the various segment(s) that best show the requested content.
- Do not change the size of text boxes in this template. All written text must fit within the boxes and *cannot* be smaller than size 14 in Calibri (or equivalent) font.
- When finished, save the slideshow as a PDF and upload to the Online Portal at FutureCity.org.

Section I
CITY DESIGN

Residential Zone



What is important for the judges to know about your residential zone?:

The residential zone of Citadel Galactus has a number of houses which are built on magnetic tables, equipped with oxygen domes and lunar aluminum windows. It also has a rocket ship converted into apartments.

One wall of the city is made of lunar mirrors which reflect light to power and filter the water tower at one corner, oxygen tower at the opposite corner and power plant in the center, all of which work together to create a community garden/food source.

Power is transferred under the surface.

Commercial Zone

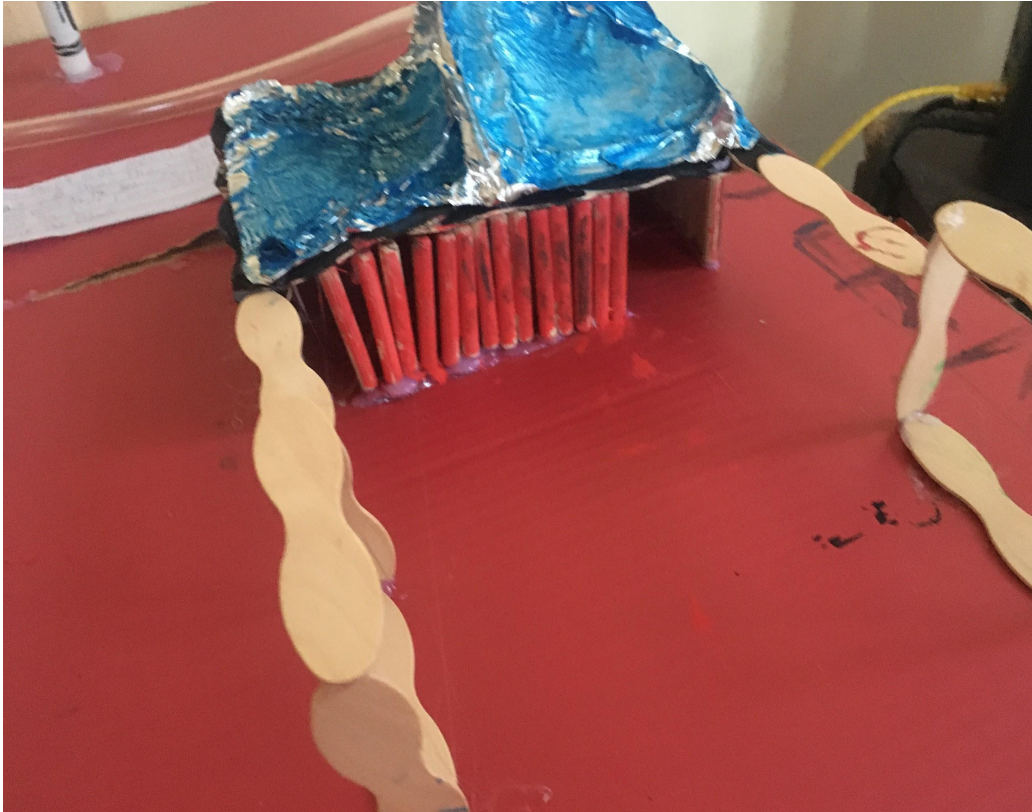


What is important for the judges to know about your commercial zone?:

The Commercial Zone will be a Sports Complex, where people are safe to have fun but in all 3 sports segments they would have to wear a certain type of uniform that would keep them from floating. The seats there are built in seats that also keep you from starting to float due to no gravity

The Football field would be much smaller than on earth but other than that the 2 Soccer field and Basketball Court would be regular size.

Industrial Zone



What is important for the judges to know about your industrial zone?:

The LSP system consists of 20-40 lunar power bases, situated on the eastern and western edges of the moon, as seen from Earth. Each power base has a series of solar cells to collect energy from the sun, which is sent over buried electric wires to microwave generators that convert the solar electricity to microwaves.

This is a picture of a building that gets energy from the solar panels. the solar panels gets everything in the building to work

Infrastructure Example 1



What type(s) of infrastructure are shown here (water, power, utilities, etc.)?:

Nuclear fission reactors

How are these related to the realities/challenges of living on the Moon?:

Nuclear fission reactors have emerged as the best way to generate electricity in space. Researchers have said as proposals are being considered for a human-inhabited base on the Moon

Based on remote observations by radar instruments aboard Chandrayaan-1 and LRO, the lunar poles have over 600 billion kilograms of water ice. That's enough to fill at least 240,000 Olympic-sized swimming pools.

Infrastructure Example 2



What type(s) of infrastructure are shown here (water, power, utilities, etc.)?:

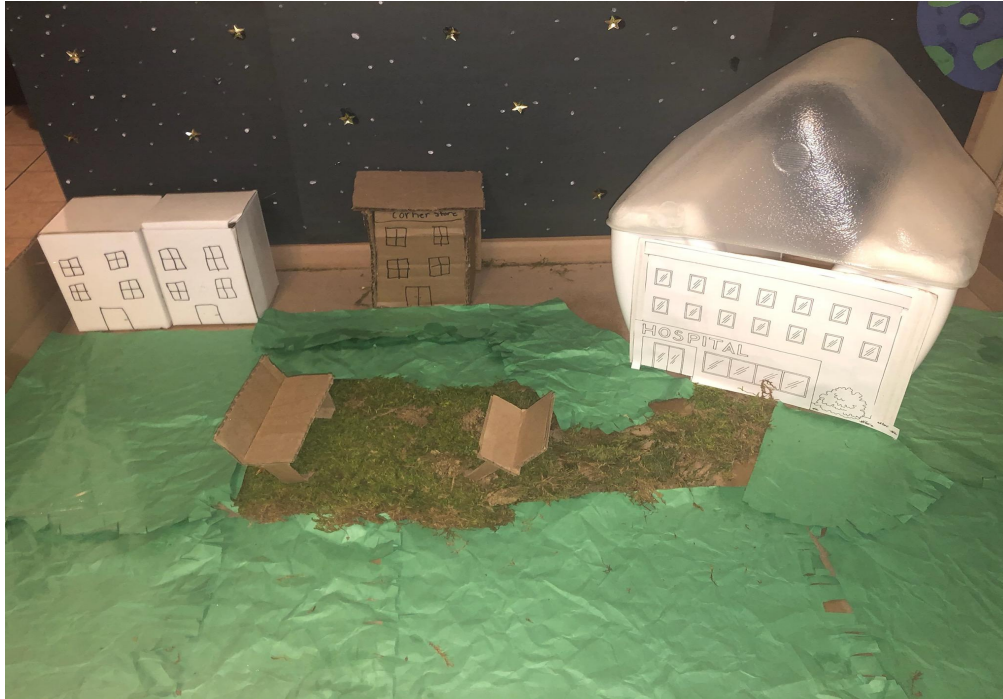
You can see details here [Wind turbine design](#)

How are these related to the realities/challenges of living on the Moon?:

The theories are that it comes from comets impacting on the Moon and from hydrogen ions created when the solar wind interacts with oxygen in the soil.

The basic principle is using the lift force generated along the blade to move the blades in circular manner. You can see details here [Wind turbine design](#) .

City Services Example 1



What type(s) of city services are shown here (health, education, etc.)?:

The type of service that is shown is a hospital.

What do you want the judges to know about your city's operations?:

Living on the moon will be important to have great healthcare. We will provide all health care people may need.

City Services Example 2



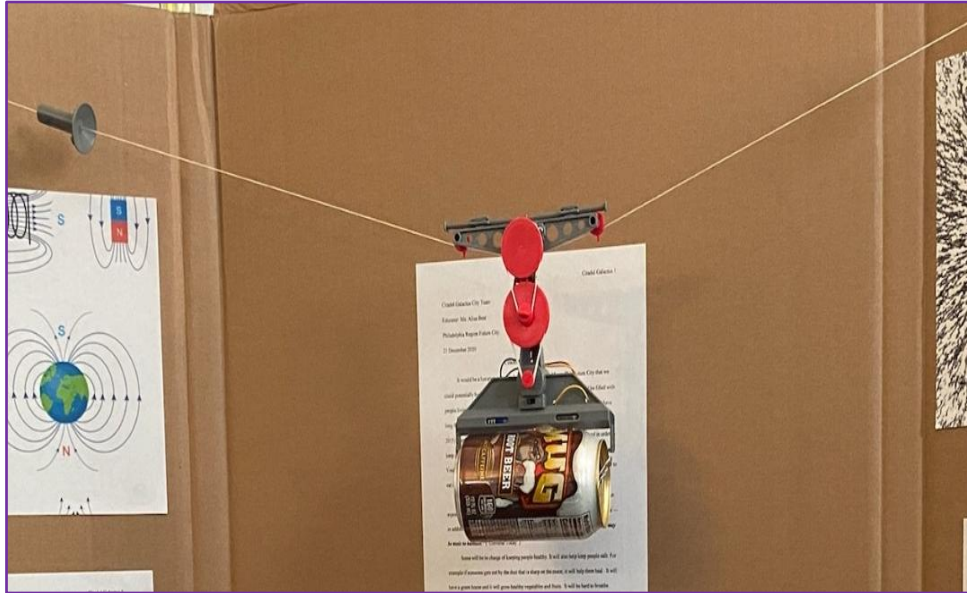
What type(s) of city services are shown here (health, education, etc.)?:

The city's services shown in my hospital are emergency room, outpatient, and internal medicine.

What do you want the judges to know about your city's operations?:

I would like the judges to know that the services provided in the hospital that I created are services for the people who cannot afford to pay for medical services. I'll also be providing medical services at no cost if they can afford to pay.

Transportation Example 1



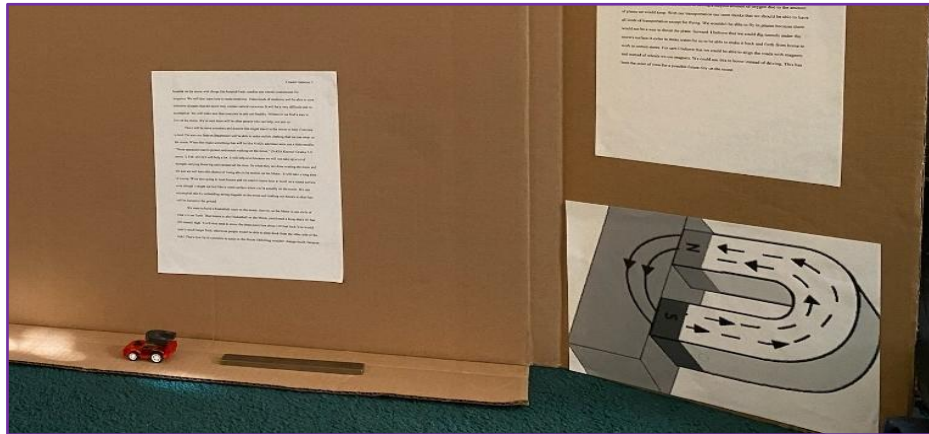
What type(s) of transportation systems are shown here?:

The type of transportation shown is called a Cable Car.

What do you want the judges to know about your transportation system(s)?:

The transportation system is using Solar Energy to generate Electricity using cable wires that are used throughout the city. This transportation keeps the people off the ground to avoid some Moon Dust. It is made from a recycled soda can.

Transportation Example 2



What type(s) of transportation systems are shown here?:

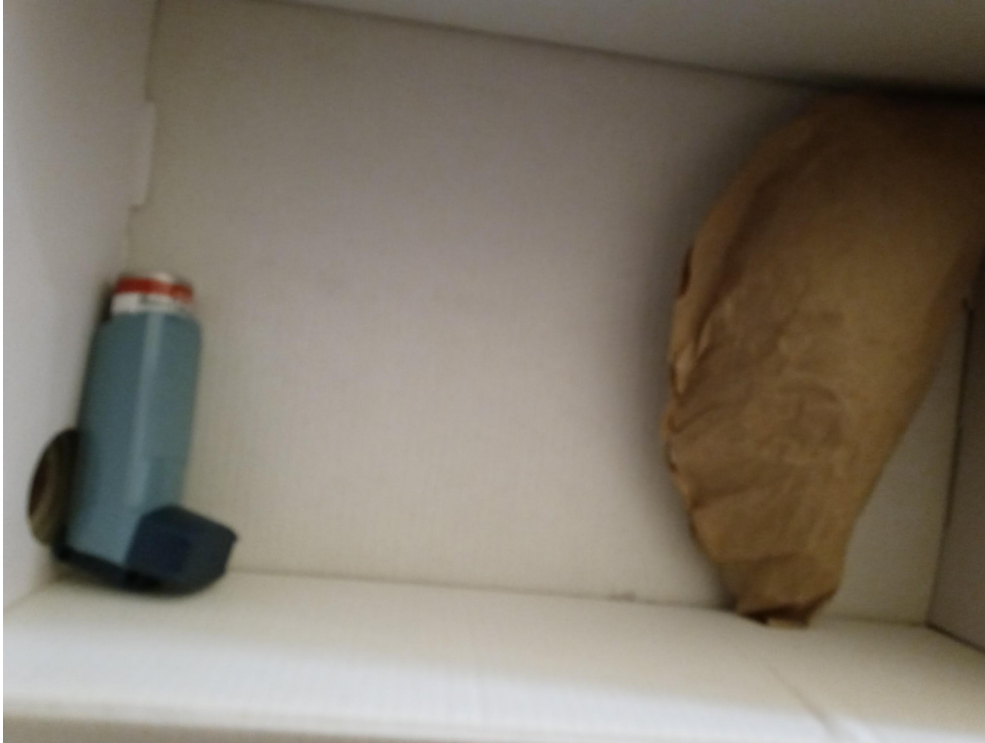
A magnetic moving car.

What do you want the judges to know about your transportation system(s)?:

The car runs on a magnetic road. This makes driving easier and safer.

Living on the Moon (Resource #1)

Example 1



Identify the Moon resource
shown here:

Oxygen

What is important for the
judges to know about this
resource within your city?:

Oxygen tank is needed to
survive if you want to live on
the moon. Also, it will be
needed to breed livestock.
Oxygen will help to grow crops
and other plants that could be
used as medicine.

The oxygen helps everyone
breath and also is needed for
basically surviving anywhere.

Living on the Moon (Resource #1)

Example 2

What is important for the judges to know about this element of your model?:

The Wind Turbine uses moon dust to create Hydrogen energy. This will help with the water and electric to be used in the city.



Living on the Moon (Resource #2)

Example 1



Identify the Moon resource shown here:

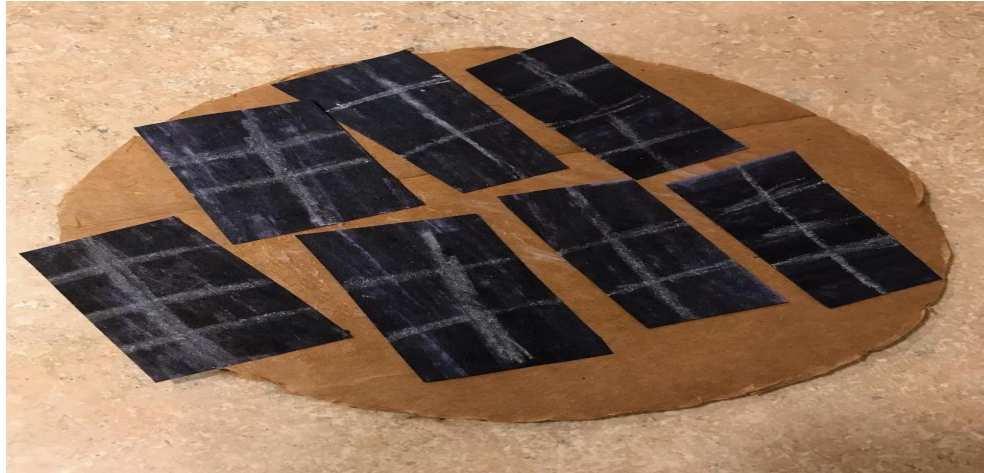
Water towers

What is important for the judges to know about this resource within your city?:

Water is distributed from the tanks underground throughout the city. This is for the people to drink, wash, cook, grow food, and use at the hospital.

Living on the Moon (Resource #2)

Example 2



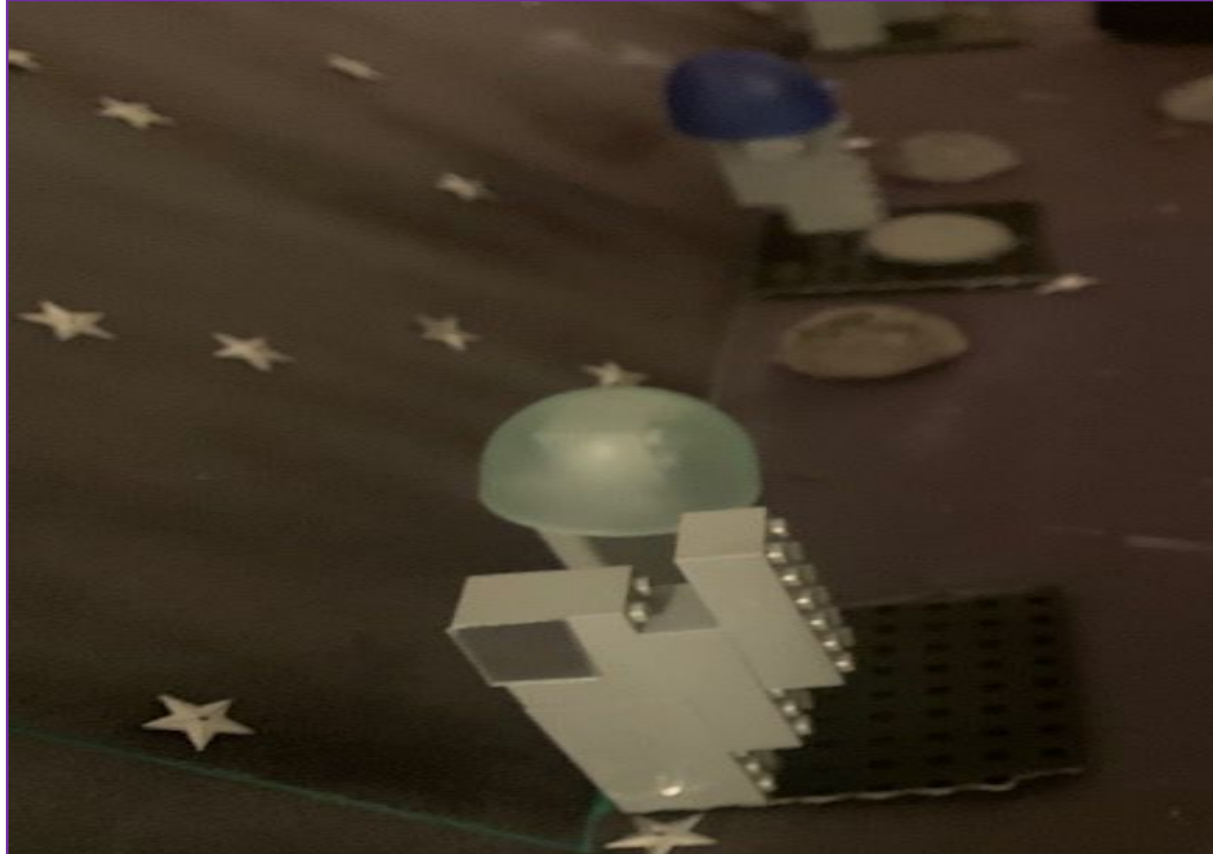
What is important for the judges to know about this element of your model?:

The element in this model is Solar Energy Farm. It is the place that provides electricity to power the entire city.

Section II

BUILD IT: QUALITY, SCALE, AND MATERIALS

Innovative Material & Use Example 1



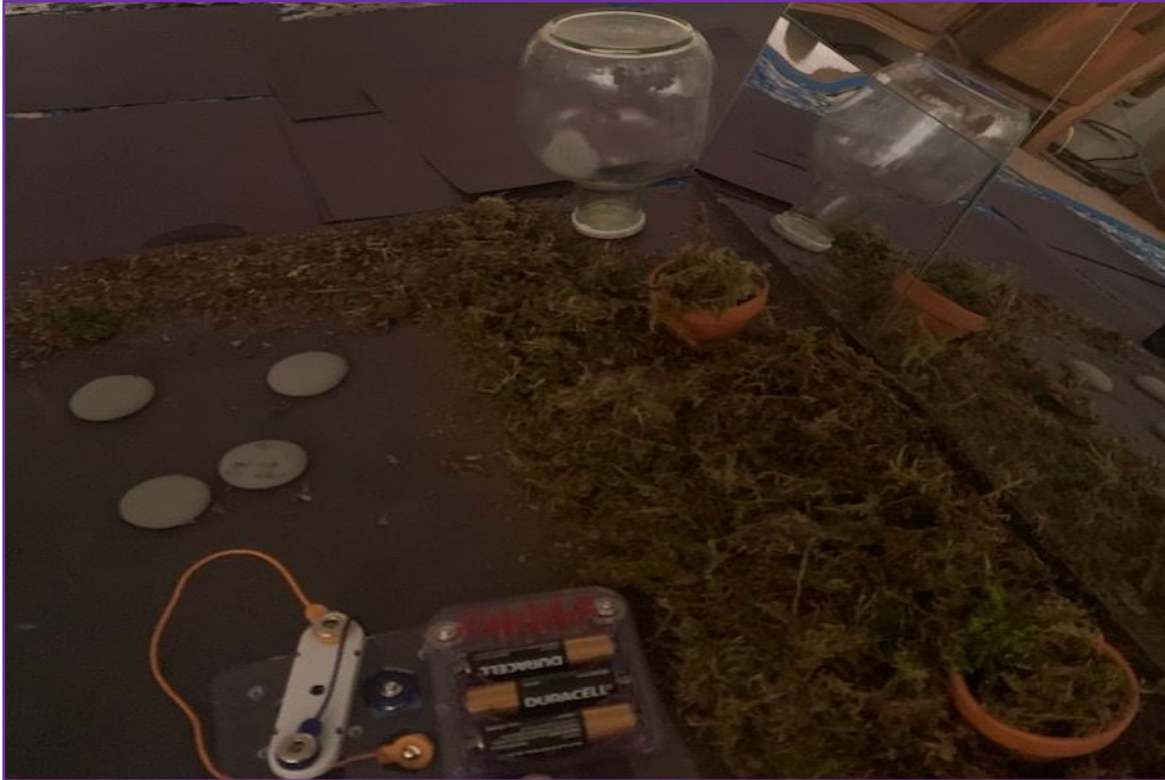
Choose one recycled or reused item and describe how you used it creatively in your model:

I have recycled deodorant tops to create the oxygen domes for the houses.

Innovative Material & Use Example 2

Choose another recycled or reused item and describe how you used it creatively in your model:

I have recycled my empty bottle of Martinelli apple juice to create the water tower.



Innovative Material & Use Example 3

Choose another recycled or reused item and describe how you used it creatively in your model:

I have recycled an empty paper towel roll to create the oxygen tower for the residential zone.



Structure 1

What size is the structure on the model?:

What size would this structure be in real life?:

Structure 2

What size is the structure on the model?:

What size would this structure be in real life?:

80 feet

Moving Part

- Insert a link to a video of your moving part.
- Make sure your video is posted on a publicly available platform for judges to access (such as YouTube).
- Video cannot exceed 1 minute.
- Be sure to mention your city/team name.
- Show the moving part in action.

• In the video, share what role the part plays within your city and how you built it.

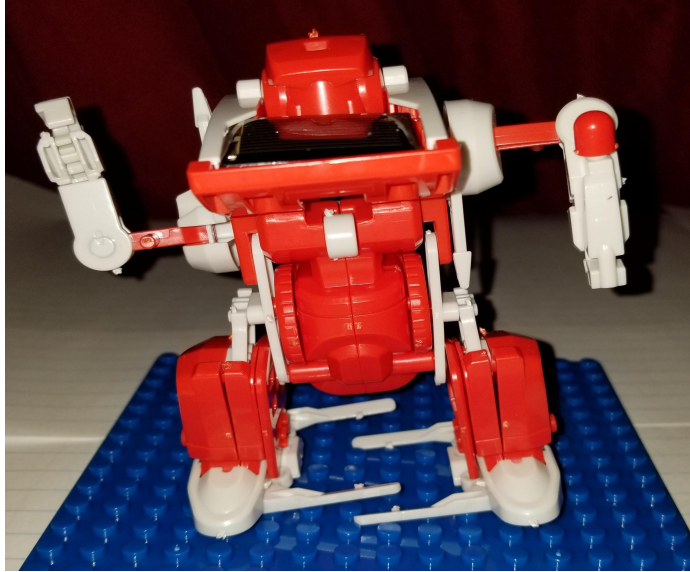
URL link to team's moving part video:

<https://youtu.be/RDgoArKwJgE>

Section III

JUDGE ASSESSMENT OF MODEL

Futuristic Technology Example 1



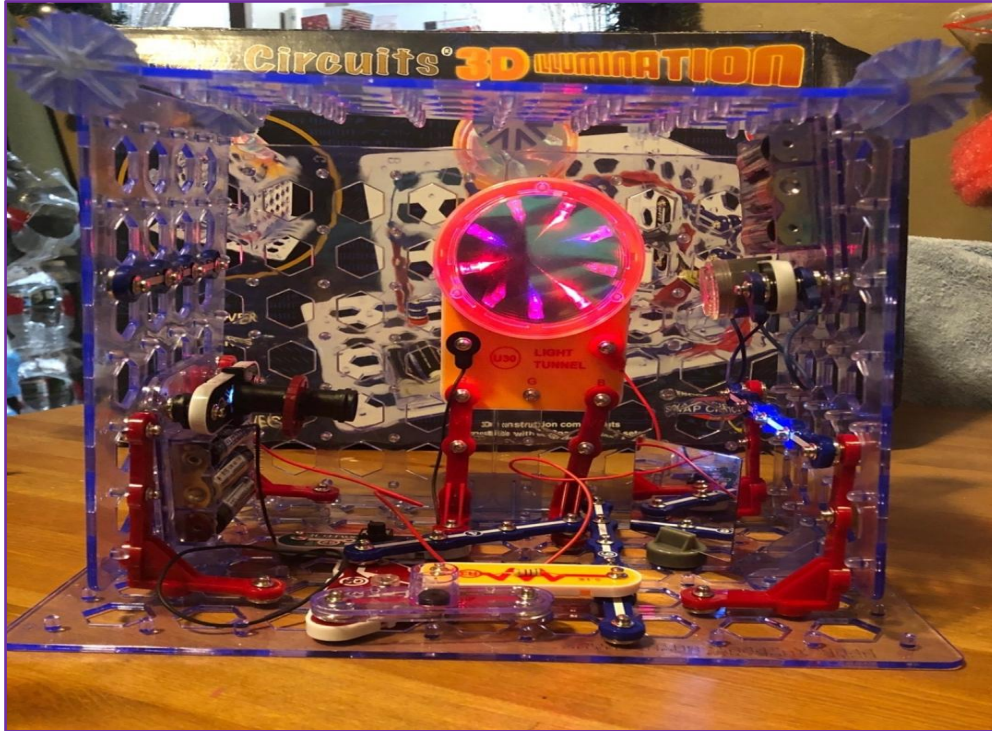
What is important for the judges to know about this example of technology?:

Citadel Galactus City Solar Robot Protector Zoto

Zoto is the cities protector. Zoto is the Army and the local police crime fighter. There are over 1,000 Zoto's in the city. Zoto can signal crime in effect and will be able to see and stop it within seconds. There will be no more crime because we will have Zoto's to protect us.

Always stored with solar energy to serve the Citizens.

Futuristic Technology Example 2



What is important for the judges to know about this example of technology?:

This Technology was made to be Cinema for the Citizens of Citadel Galactus City entertainment and all this technology is to make the projector work. The projector is pointing at the wall so everyone can see the projector on in the left. The light tunnel is to make it more colorful and to decorate. The Citizens of Citadel Galactus will enjoy the Movies.