## The Tipping Point of Platform City Survival Theme It Up Challenge

VRC High School 569A Murrieta, California, USA Planet Earth. After an extensive endeavor by environmentalists to trap radioactive waste in containment barrels, toxic nuclear materials were released onto the planet. The surface of the planet has been mostly rendered into a wasteland by these materials. The radiation has changed much.

Most biological life has deteriorated. The mutations rendered most plants into sludge. Animal life thrived, and then died out. The atmosphere has been mostly shattered, and the Earth's magnetic field is wildly out of shape. The world alternates between the penetrating freeze of night, and the decimating heat of day.

The surviving humans took refuge on massive platform cities, built to elevate humans above the sludge. A hastily formed organization, the *Great Dihydrogen monoxide Convention (GDC)*, hoarded the remaining water at the onset of the migration to platforms in hopes of keeping it clean of toxic waste. On the platform cities, micro atmospheres and thermal shields keep humanity alive. Static electricity problems occasionally short out the atmosphere-sustaining generators, so humanity always has work to do repairing the generators. These generators create a powerful home zone around the platform. Areas of Earth not inside a platform's home zone are referred to as neutral, with their resources free for the taking.

While other plants have died, the incredible scientist Kacy Mobile understood what needed to be done. Through a series of experiments, her innovations led to the creation of a new strain of trees, one that pulled its roots up from the toxic earth and stretched branches skyward. The *Mobilitas Gomor*. The other humans refer to it as a *MoGo Tree*. Platforms brand the roots of some *Mobilitas Gomor* plants with certain colors to identify them as their own. Most branded *MoGo Trees* have the top of the branches lopped off to provide a stump, optimal for fruit placement. Certain rights are applied to *MoGo Trees* that have been branded. *MoGo Trees* have an enhanced growth cycle due to the high radiation, so *MoGo Trees* that are not inside the platform can grow to extreme heights. *MoGo Trees* sprout up during the day and are fully grown in a short space of time. The *MoGo Trees* are the only remaining plant that could be used to recirculate the air inside platform city micro atmospheres. *MoGo Trees* bear fruit, but a horribly mutated variety. A horrid royal purple. Impenetrable shell. Ring-like shape. These fruits were dubbed *Purpura Anulus* by the upper classes. However, lower classes refer to them with a variety of slang. The name is often shortened to *PA fruit*. These PA fruit grow better the higher up they are placed on

As the platforms cities need resources, they need a method to collect them, as humans cannot venture into the flat wastelands below. This was dubbed the *Systematic Technological Extraction of Materials problem*, abbreviated as *STEM problem*. What methods could humans use to ensure the continued existence of civilization?

The solution was for humans to construct supersized robots. The *Judicious Partnership on Expanding All Required and Mandatory Advice Now (JPEARMAN) Organization* created magnificent projects to demonstrate the potential of these robots. Other organizations such as the *Progressively Integrated Liberation of Odometry Notions (PILONs)* have sought to mimic these beneficial releases of information. All these studies were designed to improve the skill of these supersized robots in obtaining their goals. Collect trees to renew the oxygen inside micro-atmospheres that is so desperately needed by the humans living. Amass *Pupura Anulus fruits* on the *MoGo trees* so they can survive in the toxic environment.

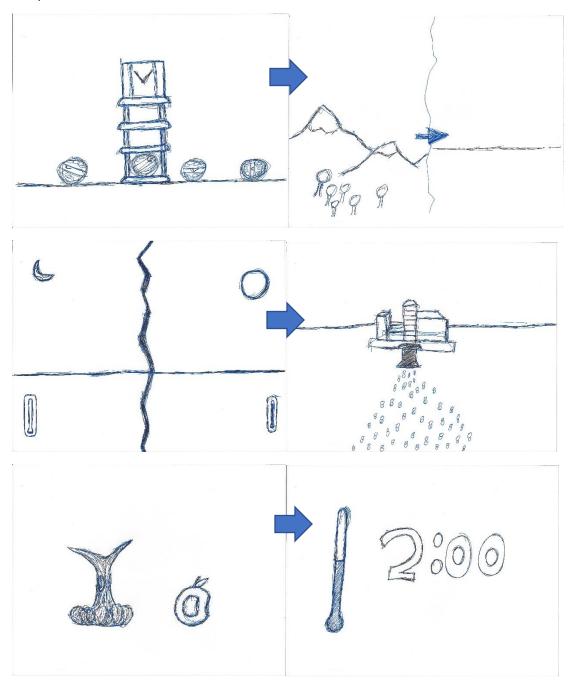
Unfortunately, robots cannot venture out during the ice freeze of night, nor during the intolerant heat of day. But there is a small two-minute timespan at the beginning and end of each day, where the climate outside platforms warms or cools enough that the robots can venture out into the world and retrieve resources. Even though solar flare interference blocks all human control of robots for the first 15 seconds of these two-minute periods, many humans program their robots to operate on their own during this period.

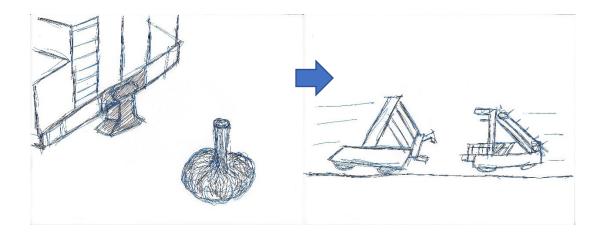
The *Great Dihydrogen monoxide Convention (GDC)* was initially praised for their handling of the water situation. They took power and began to place powerful regulations on all platforms. To trap robots would deprive platforms of all chances to obtain resources so this became illegal. To use the natural features of the land to block off resources would do the same, so this became illegal as well. To attack the platforms as the outside climate slowly became unfit for robots would undo the hard work of platforms and ruin the ideal of natural selection. The lesser platforms could overthrow the great. Illegal. To rob teams of the *PA Fruit* that they have carefully nourished on their own branded *MoGo* would be insanity. Once *PA Fruits* have been replaced on a platform's tree, they are to be returned to that platform no matter where they end, and they cannot be removed.

Recently, the motives and reasoning of the *Great Dihydrogen monoxide Convention (GDC)* have come under severe public questioning. The *Democratic Reemergence Of Water (DROW)* group demands that a popular representative of the people be appointed to the *Convention* to ensure that the best interests of the populace are being met and prioritized. A prevailing point of the *DROW* group has been that water was an important aspect of the world that should be replaced, not hoarded by the miserly *GDC*. Platform citizens use ancient adhesion technologies to add great value to this important campaign, demonstrating their support for the *DROW* movement. The *Convention* refuses to truly acknowledge the important *DROW* movement, opting instead to sporadically reference the group even while releasing more oppressive regulations to the world.

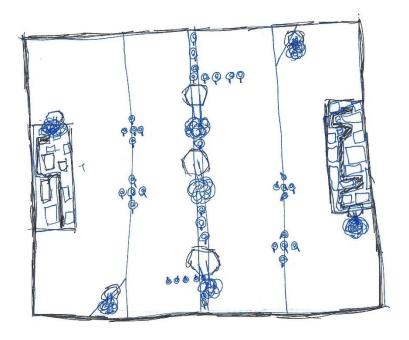
Despite the united support for the **DROW** group, many powerful platform cities arose, hungry for the limited resources that can be found each morning and evening. Cities battle each other for the resources critical to survival of their civilizations, with some surviving and others dying.

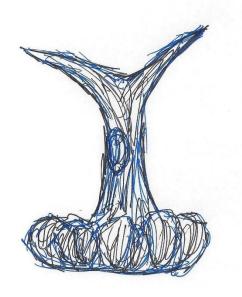
## Storyboard:

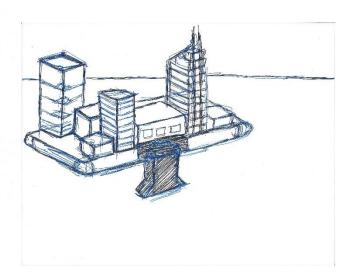


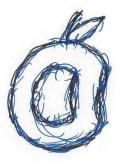


## Transformed Game Field:











## Murrieta, CA, USA The Tipping Point of Platform City Survival

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