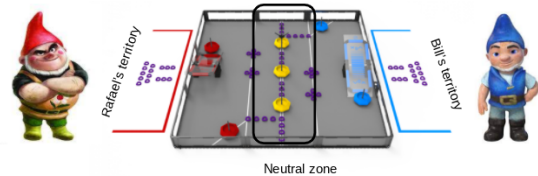VRC Theme it Up Online Challenge
Gnomeos and Juliet
45009Y Kool Kidz
El Paso, Texas, USA
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Once upon a time in a village named Tipping Point, lived 2 neighbor gnomes Rafael and Bill. Rafael and Bill had a few things in common. They both lived on a property facing each other, which measured 12x12 feet. Rafael's house was red and Bill's was blue. Since they both liked the same girl, Juliet, there was a lot of tension between them. Juliet was just a normal girl gnome that absolutely loved chocolate and flowers.

On the property of both Bill and Rafael, they had identical homes which resembled balanced platforms. In addition to their homes on their property, each gnome had a lovely cocoa tree in a big bucket so they could move them indoors during the winter months. The cocoa trees gave off the great smell of fresh chocolate, which attracted Juliet to their land in the first place. In addition to their cocoa trees, there were beautiful purple flowers that existed in the easement, a neutral zone, between their two properties. In the easement also existed magical cocoa trees that produced the finest cocoa beans which grew twice as fast as normal, from which the gnomes could make the best chocolates. In addition to these magical trees, there were also magical purple flowers which Juliet adored and loved for their beautiful fragrance. It was from these flowers that Juliet would make the perfume that drove Rafael and Bill crazy!

So Rafael and Bill decided that the best way to impress Juliet was by collecting as many of the cocoa trees and flowers as they could and bringing them to their own property. Both of them realized they wouldn't be able to do everything alone so they called their best friends to help them. Bruno arrived to help Bill and Ricco to help Rafael. Both neighbors got quickly to work building two tractors each, from the materials they had lying around. This was done as a friendly competition, in order to take as many flowers and trees from the neutral zone back to their own properties, in an attempt to win Juliet's affections. Per the negotiated rules of the competition, the neighbours agreed to giving each other just 1:45 seconds to drive their tractors around the whole territory. They also permitted the theft of each other's trees and flowers, thus creating different strategies to win the competition. The gnomes permitted moving the cocoa trees to their home areas as well as stacking them in their house so they could already start producing chocolate even before the match ended. They also allowed the hanging of the flowers on top of the trees and/or putting the flowers in the base of the tree. Keep in mind that Rafael will drive one robot and Ricco another, as well as Bill and Bruno. The tractors can block each other but only for 5 seconds. In addition to that, tractors need to be careful not to break anything as well as be respectful to each other. To be able to find out who impresses Juliet the most, and gets to go on a date with her, a point scoring system was added.
- 30 points for balanced tractor in the house
- 40 points for balanced tree in the garage

- 20 points for having a tree in the home zone
- 10 points for hanging the flower on the top branch of the tree
- 3 points for hanging the flower on the medium branch of the tree
- 1 point for having a flower in the base of the tree

The team which receives the most points, either Rafael's or Bill's, will determine who gets to go on a date with Juliet; so clearly, collecting the most flowers and trees during the match is highly desirable. On the other hand the team that loses will get nothing, no chocolate, no flowers, no date. Always keep in mind that teamwork is a very important key element to winning Juliet's heart.

Credits:

Idea taken from the movie: Gnomeo and Juliet

https://content.vexrobotics.com/docs/21-22/tipping-point/2021-VRC-GameManual-2.3.pdf

Pictures:

https://www.google.com/search?q=gnomeo+and+juliet+&tbm=isch&ved=2ahUKEwi5-uKYzLD1AhWhmWoFHYiuAxIQ2-cCegQIABAA&oq=gnomeo+and+juliet+&gs_lcp=CgNpbWcQAzIFCAAQgAQyBQgAEIAEMgUIABCABDIFCAAQgAQyBQgAEIAEMgUIABCABDIFCAAQgAQyBQgAEIAEMgUIABCABDIFCAAQgAQ6BggAEAUQHjoGCAAQCBAeUKwIWPATYLsXaABwAHgAgAFUiAHQB5IBAjE0mAEAoAEBggELZ3dzLXdpei1pbWfAAQE&sclient=img&ei=jRXhYfn_B6GzqtsPiN2OkAE&bih=801&biw=1368&rlz=1C1SQJL_enUS881US883#imgrc=A63XR_oT_3TQiM&imgdii=_Rbhnl0lHXBd8M

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