

Theme It up Online Challenge

Reduce, Reuse, Recycle (Vex V5 Tipping Point)

In a world where the Earth has been polluted to the point where humans must leave, and the robots are left to clean up after us. The year is 2150 and it has been a while since humans lived on Earth. Inhabited by robots and few species with the capabilities to live on a destroyed planet. It seems Global Warming and pollution have finally caught up to them with their only hope being to flee to the next habitable planet. Back on Earth though there are robots, built by humans to do what they failed at, cleaning Earth. Most are designed in their own personal ways like focusing on picking up garbage/recycling (rings) on the floor, and some have focused on moving garbage/recycling bins (mobile goals) to the recycling depot (balance beam) to get recycled into something new. But the best robots out there were able to do both: carry garbage/recycling bins (mobile goals) and load them up with garbage/recycling (rings) at the same time. These robots were the best designed because they could do all the tasks needed to clean up Earth. The goal of these robots is to clean up Earth and they clean in a 12 foot by 12 foot square, focusing on one area and then moving on to another. It takes the robots 2 minutes to clean up every 12 foot by 12 foot square at a time, and that is with 2 robots. Now you might be wondering, in 50+ years how have they only made a small dent in the pollution of Earth. Let me introduce you to the big problem here, this isn't only a robot vs Earth war, it's a robot vs robot war. Let me explain, when Earth finally went past its tipping point and temperatures started rising drastically, there was not much time for humans to leave. They knew it was going to happen at one point or another but had not much prepared for it. Just a bunch of ships ready to take off. So you could imagine not much was brought along, and that is why it's a war. Nations are fighting for the technology and discoveries (rings) left on Earth being picked up by robots. Even though it's garbage on Earth, one man's garbage is another man's treasure and in this case, the nations on this new Earth are fighting for it like gold, because of the success that technology had on Earth. If they were "reinvented" because no one had it, that person would be rich. So in a way the robots are trying to help but fighting for it too. It was a treasure hunt and a very valuable one. It's a competition for both the good and the bad. This reinvention of technologies on this new Earth would give some nations the upper hand on civilizations and colonization. Since robots are progressing the war, each country would have their own robot. In the 12 x 12 foot area, it would be 1 country against another. One team would be on the recycling side (blue) and the other, garbage (red). It was agreed that whichever team had the most garbage/recycling, they would get to keep whatever was used in the time. This system was the only thing keeping this new world from turning into a newer version of what used to be Earth.