

Go Bananas!!!

Team #74485D

Team Name, Short Circuits

Team Members, Dante, Jesse

The purpose of this robot works as a security robot in places Jesse or Dante needs it or as its normal self at the airport. The construction process changed three times. At first it was supposed to clean rooms then we decided to change it to a construction robot, finally we agreed that the best idea was to make it a SECURITY ROBOT! The robot's name is Go Bananas and its job as we have mentioned previously is as a security robot in an airport, it uses its claw/x-ray to make sure no one has anything dangerous in their bags. The design/construction process for this robot was definitely a difficult one. First we started with a drawing sort of like a blueprint thing. Then we went to the cardboard trailer and started looking around. We found a few small boxes and then hot glued them together. Then we found some triangle's in the cardboard trailer and glued them to the front of the boxes as some kind of armor/protection plates. Then we went back out to look for pieces for the arm, we found a long piece of a relatively strong kind of cardboard. After that we looked for a piece we could use for a grasping mechanism/claw, and we found an old phone box. We cut a side off it and glued it on to the end of the arm. Then we looked for materials we could use as wheels. We found a really long piece that looks like a giant duct tape roll, we found three. I took all three of them home and cut them in half with a circular saw. Then we stacked them on the underbody of the robot in a sort of pyramid style and glued them together. Then we looked for a little box to use for a circuit breaker, we found a little white box in the cardboard trailer and glued it on the underside of the robot in between the wheels. Then we needed to find a box that could be a siren and painted it red and green then we glued it on the head of the robot. Then we looked in the cardboard trailer for a speaker and glued it on to the top of the robot. Then we painted it red and green. Green symbolizes the fact that someone has nothing dangerous in their bags. Red symbolizes the fact that someone has something bad, illegal, or dangerous in one of their bags or their pocket. A couple of struggles that we encountered along the way of building this robot would include. The fact that Dante kept forgetting to paint the siren and that the siren also ripped. Some of the pieces that were really hard to find were the claw, the siren, the arm, the wheels. The piece that was the hardest to find of all was the body for the robot if you can imagine that.

Well that pretty much all of the things we have to say about our robot,thanks for reading!

Pics of our robot:



