

RECYCLE ROBOT

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The recycle robot's purpose is to carry small objects, for example a collection of stickers or small toys and can deliver food to you or other people. It help's people store collections and deliver food. So for those reasons, we named "Help-Bot. Help-Bot's colors are based on "Star Wars" main colors. It's main colors are "Gray, orange, black and yellow" because in the series "Star Wars" it is based on the colors: black, orange, and blue.



HELP-BOT IN THE PROCESS OF BEING CREATED, OUT OF A TISSUE BOX GOING FROM THE STARTING POINT TO THE FINISHED PRODUCT

First, the robot's purpose was to clean and we thought of the name "Clean-Bot." We thought it could deliver food to you or other people, so we added a clear plastic plate so that it could deliver food on its head like crackers but mostly small snacks. Later, we thought when the robot moved there could be a light bulb and a speaker which had a Stormtroopers voice in it, but when we tried that idea but it had batteries so we couldn't do it because of the requirements. Later, we attached the hot glue to the storage container. This is where we noticed that we weren't making any progress and we decided to use it as a storage container so we changed it to one of our purposes then changed one of our purposes to be able to deliver food and other small items. How the structure was made is, it was a tissue box(Later we changed the tissue box to the star wars theme.) Then, we covered the tissue box with tropical green tape. Next, we added toilet paper rolls and screws which made the hands move when it walked. After that, we covered it in wrapping paper then added toy skateboards so it could move around efficiently. Then, for the face we added googly eyes and

a few stickers on its back. It also had a plate so we could deliver the items on its head. Then we finally added the container so it could have a large storage area and since it was exposed we used navy blue masking tape so the objects would not fall out when it moved. Earlier, we decided to use a bumper so we could clean up, but unfortunately there were too many to choose from. Here was our list of requirements. 1. It had to be able to fit on the robot because one bumper was too big and because of this we had to come up with a new plan. 2. When the roller skates move it should pick up trash while it moves, (or not fall off.) 3. Our last requirement was for it to have as much space as possible -but not too much- space inside of it to store the small objects, and it had to be clean with nothing inside. This was a major issue because all of the containers were dirty and we had to clean them up and this is the reason why we changed one of our purposes.

All the objects we used are:

- Green masking tape
- Blue masking tape
- A Puffs tissue box
- 2 Toilet paper rolls
- Stickers including (motivational quotes, stars and planets)
- Googly eyes
- Red paint
- Black paint
- Hot glue
- Space themed gift wrap
- A orange plastic container
- 2 skateboards (Plastic toy ones)
- 1 plastic plate
- Aluminum foil
- Transparent tape
- Adhesive paper squares

In summary, the robot's main purpose is to transfer small objects from place to place for example, a collection of stickers or small toys and deliver food to you or other people. It will also help those who are not able to get a snack at the time or those who simply want a way to find and get a small, quick, and yummy snack. Help-Bot is not only recycled but he is also here to help you!

Thank you so much for listening to our presentation.