

Marshall Playground – A Design for Disabilities

Operations Manual

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1 Introduction

The content of this document is to mainly know how to use the cart correctly and in a safe way. Part 2 of this document will layout the steps for operating this device. Part 3 demonstrates what needs to be considered when using the device.

2 Operation Procedure

For the operation procedure, it is required that two adults handle the steps of operation for this device without letting the children by themselves operating it. The attendance of two adults is mandatory for safety purposes. Please follow the steps when you want to get the children into the device, and when getting them out from the device.

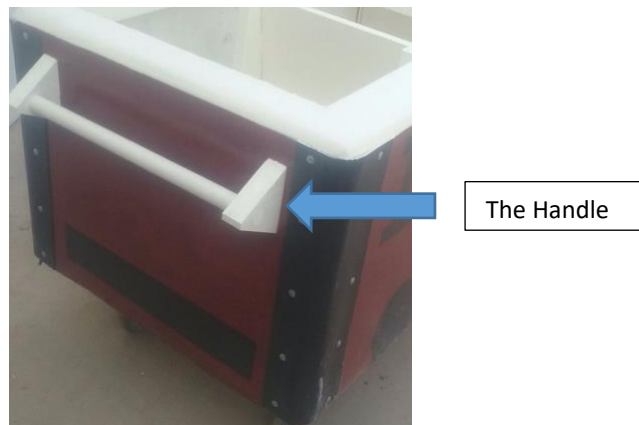


Figure 1: The handle of the cart

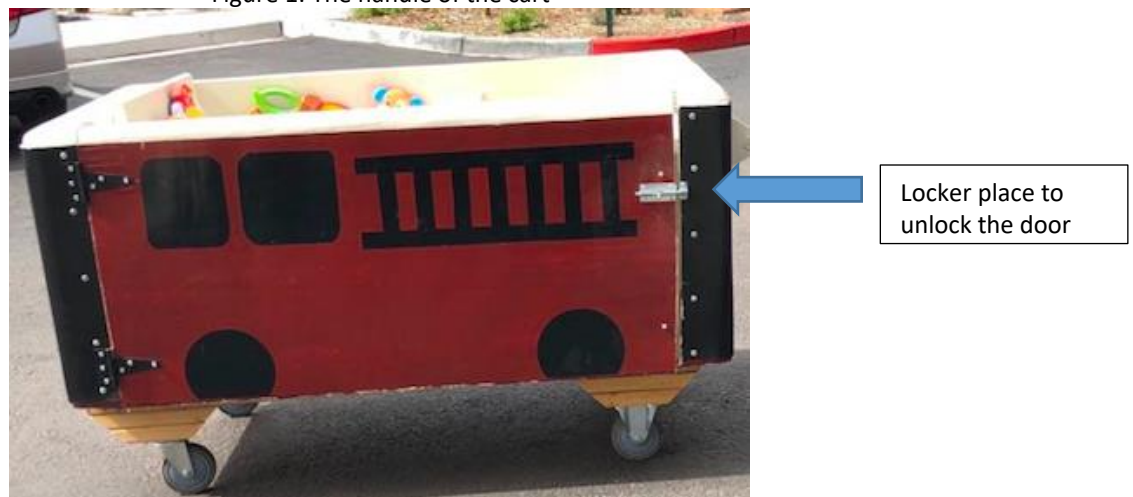


Figure 2: Side view of the door



When boarding the children into the cart

1. First adult has to hold the cart steady in place from the handle.
2. The second adult has to then open the door carefully.
3. Open the seat belt before having the child getting ready to get into the cart
4. After opening the seat belt, you may now call the child to come closer to the cart, and safely board the child into the cart.
5. Securely fasten the seat belt down with making sure the seat belt is tightened correctly to the child's waist
6. Thereafter, you may close the door safely, and thus the second adult may now leave
7. The first adult's mission afterwards, is to move around the cart by pushing it slowly, and you may now travel to any directions you want and let the child have fun!

When the children want to get out of the cart

1. Stop the cart from the movements
2. Call a second adult to help you while you're holding the cart steady
3. When the second adult comes, he/she has to first open the door slowly
4. Second adult may now unfasten the seat belt while the first adult is holding the cart in place, and then hold the child's arm so he/she gets out safely
5. Close the door of the cart, and place the cart away from the children
6. Finally make sure that your eyes are always on the cart, and that the cart needs to be put away from children reach

3 Maintenance

Storing the cart when not using it

All what you need to know and take a consideration of is that the cart can be stored either in an inside or an outside area as you wish. It was proved that the cart is made of materials that can handle different and harsh weather conditions, but please take in consideration that when putting and leaving the cart in an outside area for a long time (meaning if you decided to store it outside because you have no place to store in your house) make sure that you take out the toys and the educational games that are attached to the cart as they would not handle being left outside for a long time, and get those back when using the cart again, and attach them to the screws.

Batteries change

The toys and the educational features function by batteries. You will be provided with a new set of batteries just in case the batteries of the electronic toys die. The procedure to change the batteries is to basically take out the toys attached and flip the device until you find the housing of the batteries. Carefully take out the old batteries, and place new ones with them. Thereafter, attach the toys back into the cart, and keep letting the children get educated, and have fun.