



A Design For Disabilities

Marshall Playground - Team F4

By:

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Project Description

- Our project is designated for Marshall elementary school
- We are required to build a playground for children as needed
- Eva Herberger and Krista Branch are our client from Marshall school
- Our stakeholders are the children with disabilities and their families

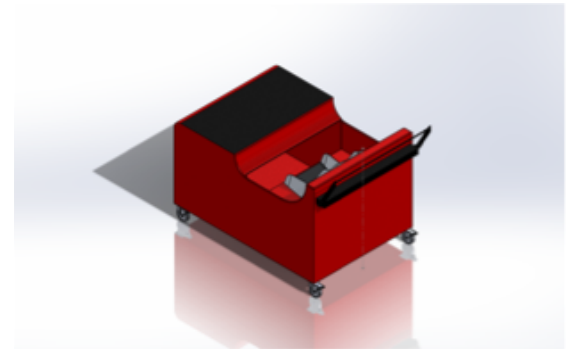


Figure 1: Iso view of the cart



Project Description



Figure 2: Side view

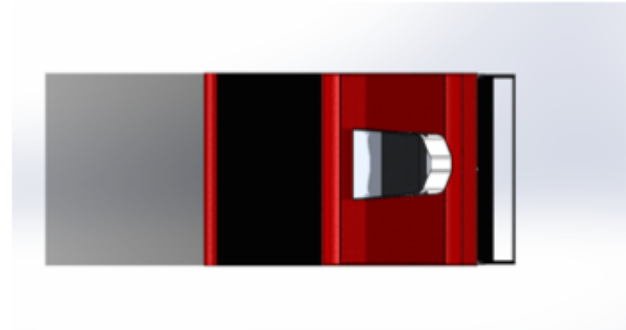


Figure 3: Top view

Updates

- Accomplishments



Figure 4: Molded and painted part of the cart



Figure 5: Another view of the cart



Updates



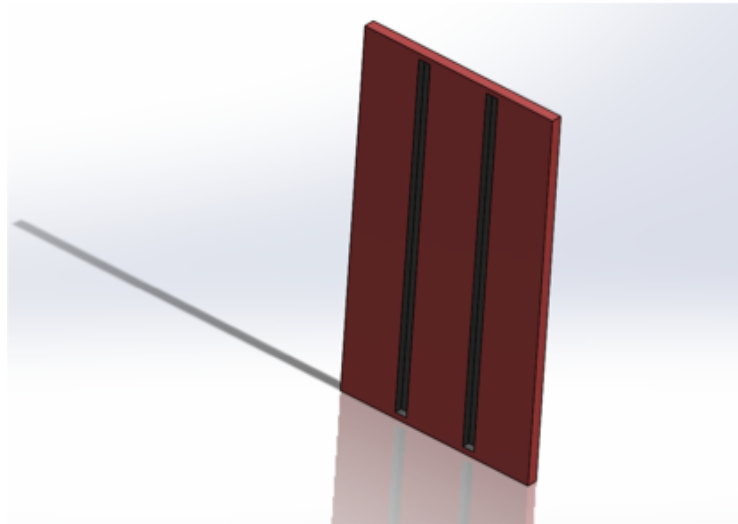
Figure 6: Decals to simulate windshield, lights and bumper



Figure 7: Sheets of rubber

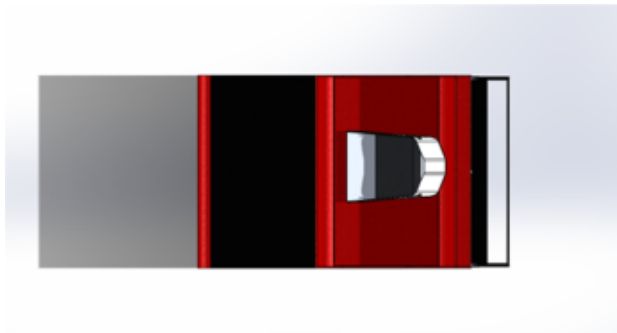
Updates:

- Design Changes
- What's left in the manufacturing of the design



Moving Forward

- Detailed plans of manufacturing
- Detailed plans for testing
- Some important analysis was made



Abdullatif - Marshall
Playground, Mar 14,
2018



VTech

VTech Alphabet Apple

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Moving Forward

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
1		Schedule and Budget																							
2																									
3	Task name	Start Date	End Date																						
4	StaffTeam Meeting	01-15-18	01-15-18	StaffTeam	Meeting																				
5	StaffTeam Meeting	01-22-18	01-22-18		StaffTeam	Meeting																			
6	StaffTeam Meeting	01-29-18	01-29-18			StaffTeam	Meeting																		
7	Hardware Review 1	2/2/18	5/1/18				Hardware Review 1																		
8	StaffTeam Meeting	12/2/18	12/2/18					StaffTeam	Meeting																
9	StaffTeam Meeting	02-19-18	01-19-18						StaffTeam	Meeting															
10	StaffTeam Meeting	02-26-18	02-26-18							StaffTeam	Meeting														
11	Hardware Review 2	2/3/18	5/3/18								Hardware Review 2														
12	Midpoint Presentation	10/3/18	12/3/18									Midpoint Presentation													
13	StaffTeam Meeting	03-26-18	03-26-18										StaffTeam	Meeting											
14	StaffTeam Meeting	2/4/18	2/4/18											StaffTeam	Meeting										
15	Final Testing Proof	5/4/18	9/4/18																						
16	UGRAADS practice poster	04-13-18	04-16-18																						
17	UGRAADS	04-20-18	04-23-18																						
18	Final Report	04-27-18	04-30-18																						
19	CAD package	04-27-18	04-30-18																						
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Moving Forward

- Project's Budget is \$2000
- The actual expense so far ~ \$600 (Materials)
- Anticipated expense was 850\$
- Remaining balance 1400\$



Hardware Review 2

- Video will show how the cart will move



Any Questions?



Drawings

