

NM MESA, INC.

2020-2021 MESA USA Benchmark 1



TEAM INFORMATION			
Team Name:			
School:		Level: Circle HS or MS	
City:	Region:	Contact Phone:	
Advisor Name:		Advisor E-mail Address:	
Student #1 Name:		Student #2 Name:	
Student #3 Name:		Student #4 Name:	

TEAM STATUS-INFORMATION COLLECTED TO DETERMINE WHERE TEAMS ARE AT OVERALL-NO IMPACT			
1.) What microprocessor is your team planning on using?	Arduino <input type="checkbox"/>	Circuit Playground <input type="checkbox"/>	Micro:biit <input type="checkbox"/>
2.) Has your team started any basic coding and/or understand basic coding?	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
3.) Has your team started prototyping anything as of this point?	YES <input type="checkbox"/>	NO <input type="checkbox"/>	

PROJECT INFORMATION
<i>What is the problem you're trying to solve? Must relate to the Overall Theme of "Designing for Equity"</i>
Potential User(s):
<i>Please give some user insight. This can include user research; user needs; and/or your team's understanding of the experiences, emotions, and motivations of the user.</i>
<i>What are some current available solutions that you have researched to help solve your problem? (At Least 2)</i>

<i>Describe (3) ideas for a prototype that may solve your problem:</i>	
<u>Idea #1:</u>	
<u>Idea #2:</u>	
<u>Idea #3:</u>	
<i>Include a brief sketch of your current "best" team idea: This does not have to be an actual prototype, but must at least be a plan for one.</i>	

PROJECT PLAN-IDEAS FOR COMPLETION	
<i>Give 3 ideas for materials/sensors you think you may need and why:</i>	
<u>Material #1:</u>	
<u>Material #2:</u>	
<u>Material #3:</u>	
<i>Detail out major tasks and responsibilities that will need to happen by your team to complete your project by Spring 2021:</i>	
November 2021:	
December 2021:	
January 2021:	
February 2021:	
March 2021:	
<i>What will be some of your major challenges in completing this project?</i>	
<i>How do you think you can overcome these challenges?</i>	