



DESIGN PROJECT:

SCHOOL:

TEAM MEMBERS:

Cycle #	Page #	Dates		Main Design Δ	Reason	<input checked="" type="checkbox"/>	Brainstorm & Sketch New Ideas/Features	Set Research & Design Goals/Timeline for Cycle	Choose Variables to Optimize	Build New Version	Draw / Take Pictures of New Version	Design a Testing Process	Make Hypothesis About Results	Gather Data	Note +'s and '-s of design, materials	Reflect on Team's Process
		I. Explore	II. Design				III. Test									
		start	end				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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<input checked="" type="checkbox"/> General Design Goals	
<input type="checkbox"/> Read specs (highlighted key parts, vocab) EDN page # _____	<input type="checkbox"/> Considered choices for materials and costs. EDN page # _____
<input type="checkbox"/> Jotted down questions about specs in Notebook. EDN page # _____	<input type="checkbox"/> Research Related Designs (Online or in Library). EDN page # _____
<input type="checkbox"/> Summarized design problem in your own words. EDN page # _____	<input type="checkbox"/> EDN Includes Table of Contents & Appendix (including what was researched, etc). EDN page # _____
<input type="checkbox"/> Made list of success criteria, constraints. EDN page # _____	<input type="checkbox"/> Created glossary of related STEM concepts. EDN page # _____
<input type="checkbox"/> Made list of all possible design variables. EDN page # _____	<input type="checkbox"/> Sketched/Took Photos of Each Design (to scale, features labeled). EDN page # _____
<input type="checkbox"/> Explored team's prior knowledge related to the design problem. EDN page # _____	<input type="checkbox"/> Final Reflection on Design Strengths/Shortcomings. EDN page # _____
<input type="checkbox"/>	<input type="checkbox"/>

STEM Vocab Note: Delta, or the Greek letter " Δ ," denotes 'change.'