

EDD Week #3B Summary Report



Team Members Full Name: Matthew Jeide, Owen O'Rafferty

Project Name/Topic : M.O.J.O.

Date: 1/19/26-1/23/26

Problem Statement: How can we design an affordable, gender-neutral STEM construction kit that promotes authentic inquiry-based learning and guardian-child co-play for children ages 6-13?

Task	Name of Person (people responsible)	Expected due date	Materials needed	Problems Encountered	Checked By/Date Submitted
R1 Prototype	Matthew Jeide, Owen O'Rafferty	n/a	Every component outlined in the wiring schematic	New assemblies were soldered to be more efficient and neat. The design for the chassis has been stalling.	n/a
Element D Inspections	Matthew Jeide	12.5.25	PC	We needed our interview complete plus detailed drawings that we do not have.	n/a

Include the **screenshot of the Gantt Chart** to help you complete your EDD Weekly Summary Report.

EDD - GANTT CHART		Quarter 3																											
WEEK		19							20							21							22						
TASK	COMPLETE?	1/2	1/5	1/6	1/7	1/8	1/9	1/12	1/13	1/14	1/15	1/16	1/19	1/20	1/21	1/22	1/23	1/26	1/27	1/28	1/29	1/30							
W13: Element D2.0 Concept Development/Concept Sketching/F360	IN PROGRESS																												
W13: Element C Inspections	COMPLETE																												
W14: Element D 7.0 & 8.0 Materials & Fabrication Research	COMPLETE																												
W14 Element D 6.0 Analysis and Selection	IN PROGRESS																												
W14: Element E: Application of STEM Principles	IN PROGRESS																												
W14 Element G 2.0 Building and Testing Plan	IN PROGRESS																												
W15/16: EDD Engineering Portfolio [Update/Inspection]	MISSING																												
W15/16: EDD Element F 2.0 & 3.0 Design Review	IN PROGRESS																												
W15: Laser Cutter Tutorial	COMPLETE																												
W17: Element D Inspections	IN PROGRESS																												
W17: EDD Project Proposal Part #2	MISSING																												
SECOND SEMESTER																													
W1B: Resume [UPDATE]	COMPLETE																												
W1B: CareerSafe OSHA-10	COMPLETE																												
R1 Prototype	IN PROGRESS																												
W2B: EDD Gantt Chart [Update]	COMPLETE																												
W3B: Engineering [STEM] Interview 2026	COMPLETE																												
W3B: EDD Element F 2.0 & 3.0 Design Review and Project Merit	MISSING																												
W4B: EDD Design-Expert Review	MISSING																												
W4B: Element F [INSPECTION]	MISSING																												
W4B: EDD G5.0 Mock-Up/Prototype	MISSING																												
W4B: Element G 2.0 Building and Testing Plan	MISSING																												
W5B: Element H [INSPECTION]	NOT STARTED																												
W5B: Element H 2.0, 3.0, 4.0 & 5.0 Testing and Data Collection Plan	NOT STARTED																												

Summary: (What was accomplished this week and what is of immediate concern for the next two weeks?)

We had continued our focus on the R1 prototype, particularly the housing and chassis; our initial plans for a body had to be scrapped due to size and printing constraints. The electrical framework for R1 is complete. We finally got an interview towards our expert review, we **desperately** need to complete Element D--other elements are piling up and we're running behind.