

EDD Week#1B & 2B Summary Report



Team Members Full Name: Matthew Jeide, Owen O'Rafferty
 Project Name/Topic : M.O.J.O
 Date: 1/5/26-1/16/26

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
Find expert review / STEM interview	Owen O'Rafferty	1.16.26	PC		n/a
W1B: CareerSafe OSHA-10	Matthew Jeide (already completed), Owen O'Rafferty	1.5.26, 1.12.26	PC		1.5.26, 1.12.26
W1B: Resume [UPDATE]	Matthew Jeide, Owen O'Rafferty	1.5.26	PC	Matthew - Link towards my resume on my home page for my portfolio was very stubborn	1.5.25, 1.6.26
W2B: EDD Gantt Chart [Update]	Matthew Jeide	1.12.26	PC		1.19.26
W3B: Engineering [STEM] Interview 2026	Matthew Jeide	1.16.26	PC	Finding a suitable candidate plus time that worked for both of us	1.19.26
R1 Prototype Development	Matthew Jeide, Owen O'Rafferty	n/a	Every component in the wiring schematic		n/a

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

EDD - GANTT CHART		Quarter 3														
WEEK	COMPLETE?	19				20				21						
TASK		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
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]	IN PROGRESS															
W3B: Engineering [STEM] Interview 2026	IN PROGRESS															
W3B: Progress Report	NOT STARTED															

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

The majority of our focus was toward the R1 (revision 1) prototype and its development; throughout the past two weeks, several components have arrived at separate times. Additionally, we were unable to secure an interview yet from a toy manufacturer (our instructor advised us to try and reach out to Mattel), as a temporary substitute, Matthew interviewed Jasmine Shields, a software engineer studying at UC Irvine. In the next two weeks, we will complete the basic electric/software outline for R1 (all components will arrive by Week 3B) and then review how R1 compares to our specified Criteria from Element C.