

EDD Week#14 Summary Report



Team Members Full Name: Matthew Jeide, Owen O'Rafferty
Project Name/Topic : Open STEM Project
Date: 11/10/25-11/14/25

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
EDD-[E-Portfolio] Project Proposal – Elements ABC (EF)	Matthew Jeide, Owen O'Rafferty	11.7.25	PC		11.14.25
W12: Element D 4.0 Detailed Drawings [Fusion 360]	Matthew Jeide, Owen O'Rafferty	10.31.25	PC, ENB	Time consuming	n/a
W12: EDD Element C Decision Matrix	Matthew Jeide, Owen O'Rafferty	10.31.25	PC		11.14.25
W13: Element D2.0 Concept Development/Concept Sketching/F360	Matthew Jeide, Owen O'Rafferty	11.7.25	PC, ENB		11.14.25

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

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

EDD - GANTT CHART					12		13			14								
WEEK	TASK	COMPLETE?		10/27	10/28	10/29	10/30	10/31	11/3	11/4	11/5	11/6	11/7	11/10	11/11	11/12	11/13	11/14
W9: Initial Brainstorm SCAMPER	COMPLETE																	
W9: Email to Professionals	COMPLETE																	
W9: EDD Element C5.0 Similar Solution Matrix	COMPLETE																	
W9: Element C 4.0 Design and Product Specification	COMPLETE																	
W9: EDD Supplies/Materials Purchase Order	IN PROGRESS																	
EDD [Presentation] Project Proposal Concepts	COMPLETE																	
EDD- [E-Portfolio] Project Proposal – Elements ABC (EF)	IN PROGRESS																	
W11: Element C 3.0 Customer Design Requirements	COMPLETE																	
W11: EDD Element C Design Brief [Update V2.0]	COMPLETE																	
W11/12: Element C [Expert Feedback] 6.0 Expert Review	COMPLETE																	
W12: Element D 4.0 Detailed Drawings [Fusion 360]	IN PROGRESS																	
W12: EDD Element C Decision Matrix	COMPLETE																	
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																	

We continued developing our prototype but ran into some setbacks, particularly with time management. Considering the next weeks, we need to catch up on our development timeline.