



Fountain Inn High School
Creating pathways to the future for every student



Weekly Lesson Plan

Teacher: Sheffield

Week of : 10/6/25 - 10/10/25

Class: Mechatronics 1

Day	Learning Target and Rationale	Standard(s)	Agenda		
			Activating Strategy	Student Learning Activities	Summarizing Strategy
Monday	I can write and upload an Arduino program to control multiple LEDs and create a coordinated light show.	M.1.C.1.Demonstrate proficiency and skills associated with the use of technologies that are common to a specific occupation.	Make It Take It	Day to Rise	"Think-Pair-Share"
Tuesday	I can use coding and electronics skills to design creative light patterns, which helps me understand how hardware and software work together in real-world projects	M.1.C.1.Demonstrate proficiency and skills associated with the use of technologies that are common to a specific occupation.	Breadboard Kahoot	7 Segment Display	Gist Gather: Identify: Summarize: Test:
Wednesday	I can program a seven segment display using Arduino to show numbers and create a countdown from 9 to 0.	M.1.C.1.Demonstrate proficiency and skills associated with the use of technologies that are common to a specific occupation.	Heinz 57 for 20 Minutes	10-0 Countdown	Why is safety important when designing and operating these systems?
Thursday	I can apply programming and circuit-building skills to control digital displays, helping me understand how electronic devices show numeric information in everyday technology.	M.1.C.1.Demonstrate proficiency and skills associated with the use of technologies that are common to a specific occupation.	7 Segment Display Google Sheet	Date of Birth Project	321 Exit Ticket 3 things I learned, 2 things I still wonder, 1 real connection
Friday	I can apply programming and circuit-building skills to control digital displays, helping me understand how electronic devices show numeric information in everyday technology.	M.1.C.1.Demonstrate proficiency and skills associated with the use of technologies that are common to a specific occupation.	DOB Introduction Presentation	Date of Birth Project	STEM Reflection Triangle What did we TRY? What did we LEARN? What would we CHANGE or IMPROVE next time?