	MONDAY (A)	TUESDAY (B) 3:05–4:35	WEDNESDAY (A) 1:30–3:00	THURSDAY (B) 3:05–4:35	FRIDAY (B) 3:05–4:35
P	**Objective(s): SWBAT** - Learn how to crack Ciphers - Be able to apply dictionaries to a project	**Objective(s): SWBAT** - Conduct independent research - learn new technologies and tools independently	**Objective(s): SWBAT** - Learn how to crack Ciphers - Be able to apply dictionaries to a project	**Objective(s): SWBAT** - Present their work - Explain their engineering process	**Objective(s): SWBAT** - Present their work - Explain their engineering process
	Engage - Bell Ringer problem	**Engage** - Students will complete 3 practice AP MC Questions	**Engage** - Bell Ringer problem - Sudoku Bracket	**Engage** - Students will complete 3 practice AP MC Questions	**Engage**
L A	**Explore:** Then students will get letter frequency and use it to crack a ciphered text **Explain:** Teacher will talk about cracking ciphers using different techniques **Elaborate:** discuss how is was used for breaking the German enigma	**Explore:** Students will work on their IRPs and presentations **Explain:** Students can ask they teacher for guidance on their projects **Elaborate:** Students will share what they are working on with each other	**Explore:** Then students will get letter frequency and use it to crack a ciphered text **Explain:** Teacher will talk about cracking ciphers using different techniques **Elaborate:** discuss how is was used for breaking the German enigma	**Explore:** Students will work on their IRPs **Explain:** Students explain what they did on their projects and what they learned **Elaborate:** Students be able to ask each other questions	**Explore:** Students will work on their IRPs **Explain:** Students explain what they did on their projects and what they learned **Elaborate:** Students be able to ask each other questions
N	**Evaluate:** Walk around checking on everyone's progress **Summary:** Students will summarize what they have learned and worked on **Assessment(s):** Exit Ticket, submitted project	**Evaluate:** Walk around checking on everyone's progress **Summary:** **Assessment(s):** Exit Ticket	**Evaluate:** Walk around checking on everyone's progress **Summary:** Students will summarize what they have learned and worked on **Assessment(s):** Exit Ticket, submitted project	**Evaluate:** Presentation **Summary:** **Assessment(s):** Presentation	**Evaluate:** Presentation **Summary:** **Assessment(s):** Presentation
Resources:	**Resource Requirements:** **Laptops with access to Replit**	**Resource Requirements:** **Laptops with access to Replit**	**Resource Requirements:** **Laptops with access to Replit**	**Resource Requirements:** **Student Presentations**	**Resource Requirements:** **Student Presentations**