Cybersecurity HHS P-TECH Academy			
Work-Based Learning Activities	**Description**	**When**	Number of Students Participating
9th Grade			
Program Startup	Program startup is focused on geting students ready for the P-TECH program for the upcoming year. Focus is on career choice, time management, and organization.		
What's it all about?	Professionals in Cybersecurity speak to students about what it's like being in a career involving Cybersecurity.		
High Demand Jobs/Career Exploration	Looking at Job Growth and What's in Demand-Job awareness and research	September 2021	
Industry Research	EPCC Class	November 2021	
Soft Skills (Basic)	Presentation/AVID practice inquiry, public speaking, collaboration,	Semester 1	
College visits	AVID-Virtual due to pandemic	Semester 1	
Guest Speaker @ EPCC	Cyber security, women in cyber security, growth, wave of the future	December 2021	
EPCC Visit new building	Students shared their experience with President Serrata and the Chairman of Education for Texas	December 2021	
TACRO-College and military Fair	Students attend and speak with college and military reps	October 2021	
Workplace tour	CISD IT Department	February 2022	
Career Fair	Students attend career fair and meet with company reps	April 2021	
Community Service	High School Tours, Community Nights at middle school, letters to Santa, Valentine letters to senior citizens		
Summer Bridge Program	2 Weeks, intro to program for 9th grade, 10 th grade...	June 2021	
FT. Bliss Visit	ROTC assisting with tour	March 2022	
Intro by the district to cyber security	Central Office -Manuel Verduzco		
Lab	Restructure to accomodate Cyber Security/ESports		
Maker Space/Cyber Security			
Tour of our campus and the technology we have here	Will Castorena		
Computer maintenance	Mr. Garay		
Outside Copmpany Presentations	Will Castorena/Manuel Castorena		
Summmer Bridge-HArdware	CISD-Fix CB		
10th Grade			
Women in Cybersecurity	Female in Cybersecurity gives presentation about Women in Cybersecurity to all Female students		
Resume Builder/Cover Letter Workshop	How to create the perfect Resume		
How to find a Job	Where do I even start? Presentation		
Mentorship	Promoting the P-TECH program to district 8th graders and mentoring incoming freshman, lunch is provided for all (sandwiches & chips)		
https://www.uscyberpatriot.org/	Cybersecurity Competition		
Package Networking Lab from Replaced,CISD	Will Castorena---Need to purchase racks		
Vendor Vetting	CISD		
Summmer Bridge-HArdware	CISD-Fix CB/Chage of providers		
11th Grade			
Making Stress Work for YOU!	Learn how to manage stress		
Field trip to the First National Bank of Dallas, El Paso Branch	Students will learn the in and outs of their daily operations and possible cyber attacks		
How to Ace your Job Interview	Job Interview Preparation		
Soft Skills (more advanced & specific to the workplace)	Presentation		
https://www.uscyberpatriot.org/	Will Castorena will speak with vendors		
Firewall			

12th Grade				
The hunt for CYBER October	What colleges and universities offer a Cybersecurity Major?			
TIps for Success	Presentation			
Pi Day	Pi Day is an activity where mentors and mentees connect to work on computer science/cybersecurity related projects using the programming language processing and Raspberry Pis. During this activity students eat pies of their choosing.			
https://www.uscyberpatriot.org/	Cybersecurity Competition			
Corporate	Will Castorena and Michael Tapia will research			
Table Top Collaboration with virus problem	Will Castorena and Michael Tapia will research			
Policy Writing	Will Castorena and Michael Tapia will research			
Internship	CISD			