CTE Program Advisory
Program of Work - Objectives & Strategies

Program: _____Computer Science_____

Select your top priority areas of opportunity for growth, based on your [evaluation](#) of your program:

☐ Standards-aligned and Integrated Curriculum
☐ Sequencing and Articulation
☐ Student Assessment
☐ Prepared and Effective Program Staff
☐ Engaging Instruction
☐ Access and Equity
☐ ****Facilities, Equipment, Technology and Materials**
☐ ****Business and Community Partnerships**
☐ ****Student Career Development**
☐ CTSOs
☐ Work-based Learning
☐ Data and Program Improvement

Objective 1: Increase engagement and partnership between advisory industry partners and PSD in Computer Science

Strategies:	1. Work on partnership Tours with CSU for Virtual Reality Lab with HS and MS Students	Timeline: 21-22 Team Leader: Francisco Ortega
	2. HP/Intel/Otterbox Day of Industry event	Timeline: Nov 20 Team Leader: WBL Teachers
	3. Tours and events at Bongo and Bounce Software.	Timeline: 21-22 Team Leader: Jeff Hill
	4. HP Code Wars	Timeline: March 21 Team Leader: Margaret Sturgill

Objective 2: Increase student soft skills to help prepare students for work in the industry

Strategies:	1. Use open ended projects with check-ins, accountability and options for learning from failure.	Timeline: 20-21 Team Leader: PSD CS Teachers
	2. Emphasize ability to learn new things themselves using resources	Timeline: 20-21 Team Leader: PSD CS Teachers
	3. Email and phone etiquette training	Timeline: 20-21 Team Leader: PSD CS TEachers

	4. Learn how to ask for help utilizing Go Fish from Bounce Software	Timeline: 21-22 Team Leader: Jeff Hill
Objective 3: Increase student exposure to industry standard technologies that are currently being used.		
Strategies:	1. Utilize GitHub to store and share code.	Timeline: 21-22 Team Leader: Chance Mazzia
	2. Practice Command Line Interface	Timeline: 21-22 Team Leader: Chance Mazzia
	3. Embed cloud technologies	Timeline: 21-22 Team Leader: CS Teachers
	4. Emphasize skills for Industry Certifications to help more students pass Certiport MTA Exams	Timeline: 21-22 Team Leader: CS Teachers