

East Bay Innovation Academy:

Computer Science and Design Innovation Pathway

Aligned Career Tech Education Industry Sector: Information and Communication Technology - Software and Systems Development

Rigorous Academics	Career Technical Education	Work-Based Learning (WBL)	Student Supports
<p><u>Measure N Investments</u></p> <ul style="list-style-type: none"> Professional Development (Site Visits, Conferences, etc.) Pathway Coordinator Director of College and Career Readiness <p><u>Pillar Components/Activities</u></p> <ul style="list-style-type: none"> A-G coursework for all Cohorting to support cross-curricular projects at all grades Professional development for theme integration Project/Problem Based Learning that integrates Design Process and industry partners Whole School Rubrics and grading outcomes Rigorous Graduation Requirements Dual Enrollment and AP opportunities 	<p><u>Measure N Investments</u></p> <ul style="list-style-type: none"> Pathway Coordinator Design Innovation Lab Coordinator CTE Teacher Design Innovation Lab Materials and Equipment Linked Learning and Design Innovation Coaches <p><u>CTE Course Sequence</u></p> <ul style="list-style-type: none"> CS Essentials (PLTW) AP Computer Science Principles (PLTW) AP Computer Science A (PLTW) and/or Cyber Security (PLTW) Senior Capstone Course <p><u>Pillar Components/Activities</u></p> <ul style="list-style-type: none"> Certified CTE Instructors UC A-G approved courses Design Innovation Lab Pathway Advisory Board Pathway Ambassadors 	<p><u>Measure N Investments</u></p> <ul style="list-style-type: none"> Work Based Learning Coordinator Internship Coordinator Internship Transportation Internship Networking, Conference, and Event Fees <p><u>Partnerships</u></p> <ul style="list-style-type: none"> DCAC Peralta Community College Chabot Space & Science Center Pi-Top Genysis Works Industry Board Members - Microsoft, 44 Energy, Shot Spotter, IDEO, etc <p><u>Pillar Components/Activities</u></p> <ul style="list-style-type: none"> 4 year WBL continuum development (Awareness, Exploration, Preparation, Training) 4 year career portfolio and college/career plan Industry talks, job shadows, interviews, internships, Senior Capstone course, Senior Portfolio and Symposium 	<p><u>Measure N Investments</u></p> <ul style="list-style-type: none"> Director of College and Career Readiness Work Based Learning Coordinator <p><u>Existing Supports</u></p> <ul style="list-style-type: none"> Academic Counseling and Executive Functioning Specialists Inclusion Special Education model 4 year Advisory program integrated into Pathway and WBL continuum Personalized Learning Plans Office Hours Peer Tutor and Peer Mentor programs Online tutoring services Academic Support courses <p><u>Pillar Components/Activities</u></p> <ul style="list-style-type: none"> Pathway orientation Embedded college and career curriculum into Advisory Expanded academic support classes Expanded and streamlined credit recovery program