

Y-PLAN Resilient by Design Youth Challenge Project List

During the 2017-18 school year...
830 students from 32 classrooms in 12 schools
across 5 cities participated in the Y-PLAN
Resilient by Design Youth Challenge



PROJECT TITLE	CITY	PROJECT QUESTION	CIVIC PARTNERS	ACADEMIC FIT
Planning a More Resilient East Palo Alto East Palo Alto Phoenix Academy	East Palo Alto	What are the conditions of, access to, and connectedness between housing, education, transportation, and public space in East Palo Alto? How can improving these sectors work together to improve the quality of life for all young people and families?	Field Operations Team, San Mateo Office of Sustainability, Facebook	STEM Elective 1 - 9-12th grade class 30 students
Planning a More Resilient Oakland Skyline High School Green Academy	Oakland	How can the City of Oakland help California reach its carbon footprint reduction goals through the use of renewable energy systems for transportation and urban planning strategies? How do we mitigate the effects of climate change in Oakland, while preserving and preparing current communities?	City of Oakland Public Works - Sustainable Oakland, Resilient by Design ABC Team, Unity Council	Physics 1 - 12th grade class 15 students Sustainable Systems 4 - 10th grade classes 80 students
Planning a More Resilient Oakland Oakland Technical High School	Oakland	How can the City of Oakland reduce its carbon footprint through the use of renewable energy systems for transportation and urban planning strategies? How do we mitigate the effects of climate change in Oakland, while preserving and preparing current urban communities?	City of Oakland Public Works - Sustainable Oakland, Resilient by Design ABC Team, Unity Council	AP Environmental Science 3 - 11-12th grade classes 80 students
Planning a More Resilient Oakland Acorn Woodland Elementary	Oakland	What will keep my family, friends, and me safe, strong, and prepared for floods, earthquakes, and other environmental challenges? How do we educate the community?	Resilient by Design Public Sediment Team	Elementary School 2 - 3rd grade classes 50 students
Planning a More Resilient Oakland: Focus on College-Going Culture Skyline High School African American Male Achievement Initiative	Oakland	How should College and Career supports, as an example Oakland Promise, design Futures Centers to foster a college-going culture bridging school and community that is inclusive to all students in the Oakland Unified School District?	City of Oakland, Oakland Mayor's Office, Oakland Promise	AAMA: Manhood Development 2 - 9-12th grade classes 40 students
Planning a More Resilient Oakland: Focus on College-Going Culture McClymonds High School African American Male Achievement Initiative	Oakland	How should College and Career supports, as an example Oakland Promise, design Futures Centers to foster a college-going culture bridging school and community that is inclusive to all students in the Oakland Unified School District?	City of Oakland, Oakland Mayor's Office, Oakland Promise	AAMA: Manhood Development 3 - 9-12th grade classes 100 students

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Planning a More Resilient Oakland: Focus on College-Going Culture Castlemont High School African American Male Achievement Initiative	Oakland	How should College and Career supports, as an example Oakland Promise, design Futures Centers to foster a college-going culture bridging school and community that is inclusive to all students in the Oakland Unified School District?	City of Oakland, Oakland Mayor's Office, Oakland Promise	AAMA: Manhood Development 2 - 9-12th grade classes 30 students
Planning a More Resilient Richmond: Focus on Technology Kennedy High School Information Technology Academy	Richmond	How can we use technology to improve resilience for young people and communities across the Bay Area?	Resilient by Design HOME Team, Mithun, City of Richmond	Technology 3 - 12th grade classes 80 students
Planning a More Resilient Richmond: Focus on Housing + Homelessness De Anza High School Health Academy	Richmond	How can local government agencies, schools, and community institutions better support youth and families facing housing insecurity or instability? How can Bay Area communities be more housing resilient and prepared for natural disasters and the long-term impacts of climate change?	Contra Costa Health Services, City of Richmond	Bio Med & English 4 - 10th grade classes 125 students
Planning a More Resilient Richmond: Focus on Healthy Food Access Richmond High School Health Academy	Richmond	How can Richmond's most vulnerable populations (kids, seniors, homeless, etc.) be "food resilient" in harsh economic times and while facing environmental challenges like climate change or natural disasters?	Food Bank of Contra Costa, Urban Tilth, Richmond Main Street, City of Richmond	Public Health Solutions 2 - 10th grade classes 80 students
Planning a More Resilient San Francisco: Focus on Neighborhood and Transportation Modeling Balboa High School WALC Program	San Francisco	How can youth data and insights create a new transportation and environmental health models for the Excelsior and Outer Mission neighborhoods, and help build a more resilient and thriving community?	Resilient by Design, San Francisco Planning Department	Gov't + Econ & Environmental Science 1 - 12th grade class 30 students
Planning a More Resilient San Francisco Malcolm X Academy	San Francisco	What will keep my family, friends, and me safe, strong, and prepared for floods, earthquakes, and other environmental challenges?	Resilient by Design BIG + ONE + Sherwood Team	Elementary School 1 - 4th grade class 20 students
Planning a More Resilient San Rafael Laurel Dell Elementary	San Rafael	What will keep my family, friends, and me safe, strong, and prepared for floods, earthquakes, and other environmental challenges?	Resilient by Design Bionic Team	Elementary School 2 - 4th grade classes 40 students