Mission: *Educate youth about the local impacts of climate change and provide them with the knowledge, tools, and opportunities to connect with their local environment and community, and empower them to take meaningful positive environmental action.*

Schedule with Partner Organizations:
Monday, 6/17: San Jose State University Green Ninja Project will take students on a learning experience centered around sea level rise. Students will participate in labs where they explore different mechanisms for sea level rise, and explore data for local changes in sea level. Students will then develop models to explain how sea level rise could occur, and use this information to create a comic strip describing a component of sea level rise that they could share with a friend or family member.

Tuesday, 6/18: The San Mateo County Youth Exploring Sea Level Rise Science (YESS) program will facilitate the Game of Floods, an educational game on sea level rise adaptation, including traditional flood protection measure, nature-based shoreline protection approaches, and policy/zoning changes that may be needed to adapt to rising sea and changing shorelines. In the game, small groups are tasked with developing an adaptation strategy for a community that will experience sea level rise and increased storm impacts causing the loss or deterioration of homes, community facilities, roads, agricultural land, beaches, wetlands, lagoons, and other resources. The game can help foster collaboration and provide a deeper understanding of the environmental, economic and social choices that communities will face in preparing for sea level rise.

Wednesday, 6/19: Grassroots Ecology welcomes youth from San Mateo County on environmental educational field trips to Cooley Landing. On site, the youth will learn about the location's history and how it is a landfill turned park. The students will become active stewards of the natural environment by participating in a habitat restoration project on Cooley Landing in order to conserve its natural resources and foster a more resilient environment. They will also go on a nature hike around Cooley Landing and Ravenswood Preserve, learning about the ecology and how the peninsula will change over time with sea level rise. Then they will learn about the role the East Palo Alto community played in reclaiming this space and receive a short community organizing workshop to become future advocates for sustainability and ecological resilience. Finally, students will make a reflective art piece where students will compile their experiences and illustrate a plan of action towards the resilient future that they will help to create.

Thursday & Friday 6/20-21: Stanford's Sustainable Urban Systems Initiative (SUSI) Resilience Team will expose students to environmental justice, the scientific method, and public education in a hands-on and engaging way. On Thursday students will review how sea level rise impacts the East Palo Alto community and engage in activities about environmental justice and the ways in which flooding can impact communities. Students will then be given an assignment to collect qualitative data in order to use the scientific method and answer a research question. Qualitative data will consist of a short interview with a family member or friend, asking about their awareness/concern with climate change and flooding, and about places they visit frequently. On the final day, students will analyze their data and present the stories the data tells. To wrap up, the students will use the knowledge they have gained over the course of the program to creatively design a science communication tool they can share with their community.