

STEM Service Learning Initiative

California STEM Service Learning is a regional and statewide initiative that is increasing the number of youth choosing careers in **Science, Technology, Engineering and Math** fields, with a focus on women and minorities who are often under represented. Teams of students and teachers from secondary schools are working with higher education faculty and students, industry and/or community partners. The teams have set themselves apart from many of the traditional STEM projects, **emphasizing service learning**. Teams are designing and implementing projects to meet a wide variety of school and community needs in areas such as energy, health, water quality, the environment, campus improvement and peer mentoring.



How Does It Work?

- Middle school, junior high or high school teachers or after school program staff are encouraged to form a team.
- Each team will work with a STEM Service Learning Facilitator who can help identify resources and provide guidance in developing and implementing a project.
- Free professional development and networking events will be offered throughout the year.
- Teams will participate in project evaluation surveys as requested.
- Teams share project information on the California STEM Service Learning website.
- Opportunities for release time and project stipend – talk to your facilitator.

STEM Service Learning Institute

This northern California institute will be held January 27-29, 2011 at Yolo County Office of Education. It is designed to help support middle and high school teachers, and higher education faculty as they develop and implement STEM based service learning projects. Release time and stipends will be available for participating teachers. Topics will include elements of high quality service learning projects, recruitment and retention of underrepresented youth in STEM coursework and careers, STEM project management, building and sustaining school community partnerships and evaluation and assessment.



For more information on forming a team, contact Deb Bruns, Region 3 Service Learning Lead, at bruns@ycoe.org or 530.668.3781.

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See our website at www.calstem.org

