

AweSTEM! 2014

Camp Reach Professional Development

Camp Reach is not your typical pre-teen girls' summer camp. There are few pillow fights and no macaroni sculpture. Instead, young women about to enter seventh grade have fun with technology, tackle real problems, and get up close and personal with the way things work. A summer residential program for Massachusetts girls who are at least 11 years old, and who have an interest in learning more about science and engineering careers, Camp Reach exposes participants to science and engineering concepts through discovery workshops and field trips. Perhaps most exciting of all, the girls apply what they learn as they complete hands-on community service projects. The program runs for two weeks each summer. ***The 2014 program will be held July 20- August 1, 2014.***

Each year, three Massachusetts middle school teachers work with the campers from 8:30 am to 5pm. Training is provided to familiarize you with the engineering design process as we teach it to young girls. If you are chosen as a Camp Reach teacher you will also plan and deliver curriculum for two half-day **STEM Saturdays** workshops during the academic year. Workshop dates have not yet been determined. During the Camp Reach program, teachers (and 3 high school students) are assigned to assist one team of ten campers as it works to complete its community-oriented design project. You will help the girls meet specific goals and facilitate the sharing of ideas.



Camp Reach teachers also participate in the day's discovery workshop activities, simply to observe or in active facilitation and co-teaching. During the **STEM Saturdays** workshops, teachers will deliver and develop a curriculum related to a real world science, math, or engineering problem. A stipend of \$3000 is provided to teachers. \$2000 will be paid upon completion of the Camp Reach portion of the program and the remaining \$1000 will be paid upon completion of the STEM Saturday workshops. Lunch each day is also provided, and a minimum of 90 Professional Development Points (PDPs) will be awarded.



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