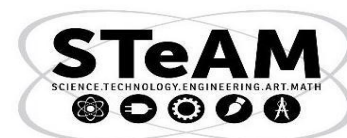


OBJECTIVE: THE **STAR** CENTER is a **SCIENCE & TECHNOLOGY ACADEMIC RENAISSANCE** PROGRAM which concentrates on teaching and reinforcing STEAM standards through modern, advancing technological methods and hands on activities. This program highlights the real world applications of science and technology, while incorporating cross-curricular disciplines such as engineering, art, mathematics, language arts, video / multimedia production, and research/testing skills.



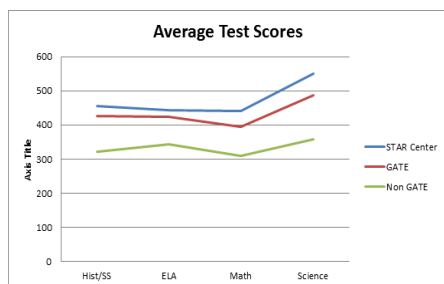
PURPOSE: To close the increasing professional gap that our students face with regard to STEAM (Science, Technology, Engineering, Art, Mathematics) standards, by maximizing the number of students exposed to these standards, and by acting in support of the student, the school, and the community as a whole.



METHODOLOGY: Students utilize technology and a hands on approach to learning to create, design, and hypothesize about the world they live in, while they construct and prepare real world projects and presentations to display that information in an informed and artistic manner. Students have the opportunity to extend their learning beyond the traditional classroom setting by participating in the [FLL Robotics Competition](#), the [Future City Engineering Competition](#), the [Science Olympiad](#), the [Academic Pentathlon](#), the [Math Superbowl](#), the [Regional Science Fair](#), and the [Reel Life Film Festival](#).



The past few years have been extremely successful beginning years for our program. Our teams have qualified



for the state finals of the Future City engineering competition multiple times as well as the Northern California State Competition for Science Olympiad. Success has also been demonstrated by advancing state test scores above district and state norms. For the 2013-2014 school year, we added additional



competitions such as the Academic Pentathlon and the FIRST Lego League Robotics Championship, and we were able to offer an elective within the framework of the school day to further extend STEAM based learning opportunities to a greater number of students.

For the 2014-2015 school year we offered three new electives that specialized in robotics & renewable energy,



engineering & design, and film & multimedia. For the 2015-2016 we are tripling those offerings by adding additional engineering and robotics classes, while adding in an introductory class which covers all of the above concepts and continues to extend opportunities to a greater number of students. This is just the beginning of what is becoming part of our school's science curriculum and academic culture; which is to develop high



functioning, imaginative minds for the future! Of course all of this does not happen without costs. To continue and sustain these programs financial support and professional mentorship is necessary. We are a 501c3 charitable organization and we appreciate any contributions you can make, no matter how large or small! Your donation is tax deductible and we are extremely appreciative of anything that you or your company can consider.