

GROWING UP TOGETHER

The Robot Project - Lessons in Science, Marketing, English and Teamwork

The teachers at Cal-SAFE Emeryville are in desperate need of basic school supplies and equipment. Without a PTA to help them get these things, we have stepped in and through very generous donations, have been able to meet many of their needs. This spring we were able to fund a very special Robot project. The Science teacher picked out a series of 12 Robot kits and we provided them.



But that was only the beginning, there is a company within a block of the school called UGOBE who are in production of a robot called PLEO that will soon be in stores world wide. The staff of UGOBE were so excited to here about the Robot Project they to offered to come to the school and demonstrate PLEO and discuss the process of developing, producing and marketing PLEO. It was a fascinating presentation and the girls were thrilled to be one of the first to see PLEO in action!



The girls were paired up and given a Robot kit to work on. Within a few days, their robots were all functioning as expected. Who thought Science could be so fun! They were then asked to write about this project and the two top essays are featured below.



Robotic Fun By Erendira, Cal-SAFE Student

I always thought building robots was hard and time consuming but I was proven wrong with the robotic kits. It's actually pretty easy if you follow the directions. You become so intrigued that time flies by. When you finish, you are amazed at what you've built! You might also be a little dissatisfied, because you would have wanted to keep on figuring out more things and putting more pieces together.

The greatest thing about the robot kits is if something goes wrong you have the chance to take the robot apart and fix it. It's great! It's like dissecting an animal for science, but unlike animal dissection you can put all the pieces back together and make it work.

The robot kits are like puzzles. You put all the pieces together; but, unlike a puzzle, once you put the pieces of the kit together it moves! It walks and climbs forward and backward. It's more exciting than putting a puzzle together.

I really enjoyed the robot kits and most people could tell. Once I started thinking and putting things together I was lost in all the pieces and wires. I was very intrigued; I didn't want to stop figuring things out and stop putting pieces together. But, when I was done and my robot was finished and working, I was very proud of myself.

Thank You! Thank you for giving me the opportunity to be able to build these robots and expand my creativity. It was great to be able to create something that I could look at and be proud of myself for not losing my patience and giving up. I really enjoyed it. Thank you very much.

Robotics: A New Adventure For Me By Ashley, Cal-SAFE Student

I enjoyed putting together the robotic kit, because it was very adventurous. I never had a project like that. It was really fun, but in a scientific way. I had to really concentrate on putting the robot together. I feel as if it increased my thinking skills. It made me learn how to be a little more patient, because putting the robot together takes time. But before I knew it, I was finished.

When I finished the project, I felt so smart. I never would have thought I could accomplish something like putting a robotic kit together. When I first started, I thought there was no way I could complete putting it together, but me and my partners didn't give up. All we had to do was work as a team and follow the manual. We got the job done in a matter of time. It was very fun to do!

After completing this project I felt a sense of satisfaction. This project helped me be more aware of my thinking skills. It also made me realize any thing is possible. I am thankful for the opportunity. So thank you!!