

## **Emerson Middle School Pomona Unified School District**

### **Instruction**

Emerson Middle School blasted off the year with tours of the school facilities and class presentations about energy conservation. We (SAC) asked students for their suggestions on things we should do for our school and gathered responses. Following the presentations we made posters for each classroom to remind everyone about energy conservation.

### **Involvement**

The 8<sup>th</sup> grade students from Mr. Konik's class organized a Student Advisory Council (SAC) to manage the presentations at our school. The custodian supervised the SAC in various rooms of the building and answered student questions about how certain machines like heating and air-conditioning equipment worked. They explained why insulation is needed around the water heater and other system components.

### **Results**

We got 75% of our school cooperating in activities to make our building greener. The teacher leading the program attributes improved grades to project-based learning experiences like the student presentations.

## Village Academy High School Pomona Unified School District

### **Instruction**

Students at Village Academy High School participated in the Saving Through Energy Management (STEM) training, allowing them to audit the entire high school building. The intensive energy audit activities provided valuable experiences for students to practice skills from difficult subject areas outside of traditional classroom settings.

### **Involvement**

The custodian and instructors at our school supported the student activities exploring energy throughout the school. The custodian helped clarify AC and Heating procedures and how students can help prevent energy loss. Teachers supported the students by helping them prepare the Power Point presentation for the Board of Education, where students made recommendations to install locks on all thermostats to ensure efficient and comfortable control of school temperature.

### **Results**

Overall more computers are being turned off when not in use, making a huge difference in energy consumption since Village Academy has lots of computers. The STEM project provided hands-on learning exercises for students. Students, instructors, and the custodian helped Village Academy High School save money on energy bills.