



Chemistry on the Big Screen

Goal:

The goal of the project is to purchase a Projector to facilitate students learning of chemistry in the classroom projecting slides, images, and actual videos on a screen which is already installed in the classroom.

Budget:

Cost of Projector \$499.00 + Taxes \$ 44.29 + Shipping \$0.00 = Total Cost\$ 543.29

Procedure:

I will undertake this project along with other teachers from the science department, sharing the projector so that as much students as possible can benefit.

Lectures are currently done the traditional way of writing on the chalkboard, handouts and laboratory activities. I would use the projector along with my personal computer to project onto a screen which is already installed in my room but was never used.

I would use the projector to supplement my lecture presentation to display PowerPoint slides, along with color images and diagrams for the students to grasp concepts in chemistry. I would also use the projector for the presentation of videos depicting chemistry experiments that might be too dangerous for students to undertake or lack of adequate materials in our school lab for them to carry out.

Chemistry can be very interesting and exciting, but due to the lack of adequate resource to properly teach, students are confused and discouraged by the subject today. The projection of chemistry on a big screen would reawaken their interest and clear up misconceptions about the subject matter and lead to academic success for students.

What will students do with the resources?

Students will directly benefit from the projector by having another source other than the chalkboard and paper handouts during classroom lectures.

Students would also directly be involved with using the projector, for the presentation of projects and assignments. Students also would be able to prepare PowerPoint presentations using the computers in the library and present them to the class using the projector.

Students can record videos of them performing laboratory experiments using video recorders from our audio-video department and show on the "BIG SCREEN" for the class.

Success of the Project:

The success of the projector would be evaluated from a number of points, such as the improvements in the student's grades, the volume of work the students are now able to cover in lectures, their motivation to undertake projects that would be presented using the projector and improvements in their presentation skills.