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Digital Animations with a Projector, Instead of Chalk Drawings!

My goal as an Earth Science teacher is to motivate the students and attract their minds to science. It can be very easy for students to become distracted while in school. Students today, really enjoy technology, therefore, it is important to keep their interests piqued. With the use of a projector, a mundane class filled with endless amounts of notes and poorly drawn pictures with chalk, can be transformed into a fun, informative class with digital animations, on-site photography, and the most up to date information. This will provide the students with a more interactive classroom experience. For example, during a PowerPoint presentation, the students played a Jeopardy-like game as a review session for an upcoming exam and they were thrilled. The students were much more interested in the game than they would have been if it was a regular review session.

A projector, preferably a portable, lightweight, high definition-capable model is of particular interest to me because the existing projectors are stationed in the ceilings of the classrooms that I am not working in. This new model projector will allow me the flexibility to transfer the projector to the numerous classrooms that I work in and allow me to be more creative when planning lessons and activities. More importantly, it will provide students with a consistent opportunity to become apart of an interactive learning experiences like never before.

The students will be able to use the portable projector to present their own PowerPoint presentation assignments, as well. They will be able to utilize the numerous functions of the projector by watching informative movies, documentaries, and play interactive games. The projector allows students to experience programs such as Google Earth, where they can take a virtual tour to the places they've never been before.

I am confident that this projector experiment will be successful because when I have asked teachers to use their classrooms for their own projectors, each class session was met with positive feedback from the students because of my PowerPoint presentations. They enjoy this colorful, vivid projector instead of the boring overhead transparencies that are usually in black and white. The students responded with more enthusiasm than ever before.

My students need a projector to help them engage with learning. The cost of this proposal is about \$850 which includes shipping for any materials requested.