

## Applications: Putting Theory Into Practice

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### ***Applications: Putting Computer Projection Theory Into Practice***

*Using the latest in projection technology, your only limit is imagination. While a computer projector is a fantastic tool for classroom lessons, it can also be beneficial for student use, administrative tasks, and extracurricular activities. Here are a few ideas.*

#### **Classroom Use**

In elementary schools, consider using a computer projector as an engaging aid to story time. The kids follow along with the words and animation on the screen as the story is read. No more straining to see illustrations—plus, it aids in learning to read.

Enhance history and social studies lessons as you take your class on virtual field trips by projecting footage of historical events and different countries. With larger-than-life images of distant lands and times, learning is exciting. Students will look forward to class each day.

Create a PowerPoint® presentation clearly demonstrating the different steps of complex math problems.

Instead of watching educational films on a hard-to-see 30" television, take your students to the movies without leaving the classroom. With cinema quality imaging, film time will no longer turn into naptime.

Use a projector in art class to display famous works. Zoom in for a closer look at brush strokes and detail. With a high-quality, brilliant image, a computer projector will give you and your class a whole new concept of "art appreciation."

Invite the President or Martin Luther King, Jr., to be a guest speaker. Project a famous speech for an in-person feel that will bring a historic icon to life. Afterward, hook your projector up to the Internet to find more video or biographical information.

In biology class, consider using a computer projector for displaying microscopic organisms. Hook up an electronic microscope to your computer and explain scientific principles with the help of a mega-magnified image.

Project step-by-step recipes, or directions for a home economics or shop class. This not only helps to spur class participation, but also saves paper and time.

#### **Student Use**

For projects and presentations, students can feel more confident using a computer projector to display an engaging PowerPoint presentation, which will help with talking points, charts, graphs, and survey findings. No more flipping through papers hunting for visual aid changes. During in-depth research presentations or book reports, a computer projector can be used to display an outline so that the entire class can follow along.

Students can use a computer projector to create a memorable end-of-the-year slideshow with photo highlights of the

school year. To add to the memories of Graduation Day, put together a special senior collage with past and present pictures of graduating class members.

For colleges, consider checking out projectors to students for special televised events such as the Super Bowl, Academy Awards, or final episodes of favorite television shows.

### ***Staff and Administrative Uses***

Use a computer projector to display policy changes or meeting agendas.

Host employee seminars and workshops by presenting special guest speakers remotely.

At faculty parties or award functions, use a projector to display photos or information about staff members, or show a movie for laid-back, easy, and inexpensive entertainment.

A projector can be an invaluable aid at a variety of meetings. Project a spreadsheet of expenses and reports at a budget meeting or create a graph comparing test scores for different years or departments. Also, a projector acts as perfect instruction aid for training staff members on new software, educational programs, technology, and equipment.

### ***Extracurricular Uses***

Instead of building an expensive, time and labor intensive set for school drama productions, consider projecting a backdrop with a few props. This makes for simple, stunning, and realistic set changes.

Consider family movie nights as either fundraising or "just for fun" events. Use a computer projector to show a film in an auditorium or gym or on an outside wall of the school. This provides more flexibility than a film projector or connecting a DVD player or VCR to a television.

During athletic events, use projectors in the locker room for drawing out plays and strategies, while reviewing footage of the first half or previous games. Fine-tune and perfect strategy or swing with larger-than-life images and the ability to pause, slow, and rewind.

Use a projector to display your school's logo to help the team make a snazzy entrance onto the court or field. Or, if you need to create paper banners, trace from a projected image.

Host a pizza party and show a movie as a fun and cost-effective school spirit event. Or, project a giant game board on the floor or wall for a larger-than-life game of checkers, chess, four square, or word search.

As we plunge into the 21st century, a computer projector can help to seamlessly integrate cutting-edge technology with improved learning techniques and a variety of educational activities. Instead of traditional education dinosaurs like chalkboards, whiteboards, and clunky ancient overhead projectors, a full-featured, user-friendly computer projector not only lights up classrooms and the minds of students, but also can encourage fun and creativity throughout every level of education.