

Ludlow High School

Peerless-AV Projects Future of Education Technology with Facebook Contest

*Kentucky Teacher's Win of Peerless-AV Wireless Short Throw
Projector AV System Dramatically Increases Retention and
Attention to Enhance Student Learning*



**WHY
MESS
AROUND**

— WITH —
**anything
else?**



The Challenge

The state of education has transformed drastically within the past few years, with a small number of students seeing the value of an education rooted completely in traditional learning tools, namely a textbook, paper and pencil. Because of this and the heavy influence of technology early on in children's lives, students need to be actively engaged for learning to be successful.

While 86% of teachers think it's important or absolutely essential to use education technology in the classroom and 96% of teachers believe that education technology increases student engagement in learning, only 14% use digital curricula and only 31% use resource tools rooted in technology.¹

And, while 92% of these teachers would indeed like to use more education technology, they face challenges, namely money, access and time.

¹Dunn, J. (2013, September 18). Why Teachers Should Use Education Technology. Retrieved March 11, 2014, from Edudemic website: <http://www.edudemic.com/teachers-use-education-technology/>

“Well-suited to the classroom, the Peerless-AV Wireless Short Throw Projector AV System includes a projector mount with a built-in wireless receiver and -50-watt audio amplifier. The system streams sound and Full HD 1080p content wirelessly up to 131 feet...”

The Solution

Peerless-AV is proud supporter of education and acknowledges the struggles teachers face in accessing and implementing new technologies in education. In an effort to combat some of these challenges, Peerless-AV introduced the Peerless-AV Wireless Short Throw Projector AV System Facebook Giveaway. The contest invited teachers to speak to the state of education technology and to explain why their classroom would benefit from winning the system. To further Peerless-AV's goal of increasing technology in educational environments, the first 15 entrants won an Interactive Presentation Pen. Fans were then invited to vote to select their top three entries. The winner of the Peerless-AV Wireless Short Throw Projector AV System was chosen from these top three entries by Peerless-AV.



Well-suited to the classroom, the Peerless-AV Wireless Short Throw Projector AV System includes a projector mount with a built-in wireless receiver and -50-watt audio amplifier. The system streams sound and Full HD 1080p content wirelessly up to 131 feet from as many as five audiovisual input devices, including computers, DVD or Blu-ray® players, MP3 players and VHS tapes, eliminating the expense and inconvenience of being tethered to hard-wired connections and enabling teachers to switch AV sources without plugging and unplugging equipment. The audio portion of the system distributes sound through a wireless connection that enables a teacher's voice to be heard clearly even over streaming audio with his or her back to the class. NEC Display Solutions generously donated a UM300W Short Throw Projector that was included with the Peerless-AV system.

The Peerless Result

The Peerless-AV Wireless Short Throw Projector AV System Contest resulted in 27 entries from teachers who offered positive feedback on the strides that Peerless-AV is taking to help the education world

and included insight from these teachers regarding the impact of technology in the classroom. In an era when students are accustomed to pulling up YouTube videos or streaming TV shows on their smartphones or iPads, the Peerless-AV system is a convenient way to deliver multimedia content that can both command students' attention and enhance learning.

Winner, Kristen Goodpaster, a seventh and eighth grade special education teacher at Ludlow High School in Ludlow, KY, made note of the advantages of the dynamic, multisensory lessons it allows her to provide her students:

"Technology has most definitely changed education as a whole, and the technology itself has changed dramatically over the past few years. I've been lucky enough to transition from the traditional projectors I grew up with to a new and quick to install projector system by Peerless-AV, which I use to provide dynamic, multisensory lessons that each student can see comfortably as a group. Through this, I show my class presentations, supplement each chapter with related educational videos found online, and



A group of students posing with the new projector system

play interactive review games for a big test, all of which I project from my desktop computer to the board for the entire class to see. With the added bonus of the built-in microphone unit, I can easily provide commentary through my lessons and ask questions for further involvement of the class.

The improvement in both retention and engagement I've seen through using multi-platform lessons that all students can see and hear properly is dramatic. As for teachers looking to incorporate more technology into the classroom, my advice would be not to fear the change. For each lesson or chapter in the textbook, I would recommend thinking of the most effective way of displaying this information for students that learn best through physical activity or visual stimulation, whether it may be a video, an interactive game, an infographic or an image, and to work at least one of these elements into the classroom each day."

At Ludlow High School in particular, school data² shows that 28% of its 2011 graduates did not go on to college. Further, the 2012 Needs Assessment Survey³ indicates that 54% of parents feel that job skill development opportunities are at least strongly needed. With the introduction of the new projector in her classroom, Goodpaster feels she can use this technology to help her effectively engage her students and in turn help them gain the skills necessary to obtain jobs and to attend college or a technical school.

²Kentucky Department of Education. (2012). Learning Environments. Retrieved from <http://applications.education.ky.gov/SRC/LearningEnvironment.aspx>

³Ludlow Family Resource/Youth Service Center. (2012). Ludlow Family Resource/Youth Service Center Continuation Plan. Ludlow, KY.



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