



Audio Visual Systems

NEWSLETTER

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Marian College Lead The Interactive Technology Revolution

Marian College, located in Sunshine West, is one of the seven Brigidine Secondary Schools located in Victoria and South Australia. Since opening in 1957, the college has always been determined to provide its 760 young women with the opportunity to develop fully as individuals as well as contributing and respectable members of the community.

Marian College prides itself in holding true to its central values expressed best through its Vision Statement. The College is continuously looking for new ways to establish the best possible learning and teaching environment by providing staff with the tools to be able to offer exemplary teaching practice.

After receiving some information regarding **"the new Epson EB-450Wi Interactive Projector – a cost saving, wide screen ultra short throw projector that can turn any wall into an interactive workspace"**

– and wanting to keep up with the latest in classroom interactive technology, the Learning Technology Team approached DIB (An Epson Premium Dealer) to learn more.

Having one of the first of the EB-450Wi projectors already installed at D.I.B's Demonstration room, DIB invited members of the Learning Technology Team to come in and trial this new technology for themselves

and see how it compared to their existing interactive whiteboard and projector set-up.

The Learning Technology Team were impressed with the instant response rate and elimination of calibration drift which had been a common issue in the past. Also being able to install the projector straight onto their existing whiteboards meant that nothing had to be moved or altered in the classrooms prior to install and teachers would not have to worry about losing their whiteboard space. Finally by choosing to install a Joey control panel which simplifies the operation of the whole system with its easy-touch buttons, teachers at Marian College never have to worry about misplacing remote controls again.

The College initially installed the Epson EB-455Wi Interactive Projector system into three of their classrooms in November last year along with one portable system on a Gilkon FreeFrame.

Marian College have now installed a further eight interactive projector systems into their classrooms and are looking forward to their training sessions provided by DIB at the beginning of term 2, were they will learn how to best utilise this revolutionary new technology to facilitate the learning and teaching process.

For more information on interactive projectors please contact a D.I.B Solution Consultant on (03) 9457 4800.



TOP: The Epson EB-450Wi Interactive Projector Install

ABOVE: The Epson EB-455Wi Interactive Projector system installed on the Gilkon Freeframe

John Fawkner College - Teacher Review System



TOP: Wall mounted plate to enable teachers to plug their own USB

ABOVE: Classroom self review recording system with locking system

John Fawkner College located in the Northern Metropolitan region is a college on a mission. As part of "Project Excellence" an initiative developed and supported by DEECD and NMR aimed at lifting the standards and outcomes the school has undergone a transformation. Reopening in 2010 with a new name, high percentage of new staff and a clear vision the college has embarked on a raft of changes and improvements.

In order to achieve the objectives the college established a mantra that in order to lift student standards teachers must constantly reflect on their practices. To support the development of this professional culture Principal Gus Napoli contacted DIB in the possible use of technology to assist teachers in self assessment of their teaching. Gus's ideas were clear from the outset. He wanted a system which enabled teachers to self review their role in the classroom and how their actions and methods were helping them achieve their learning outcomes and/or how they could improve them.

Gus is supportive of the triad model of peer review whereby a teacher has the company of two teachers for review and professional development purposes. However the

downside is that this is resource intensive and in many schools these resources are hard to come by.

When Gus contacted DIB he was looking for a technical solution to reduce the reliance upon teacher resources. Through consultation with DIB Solutions Consultant, Sam Garden, a unique classroom recording system was developed.

"Pivotal to the system was the exclusive ability for the teacher to control the recording. Gus was adamant this was not to be a recording system for critical review by others, but a self reflection and evaluation system."

In order to achieve this aim a system was designed which featured a simple USB slot at the front of the room. The one and only method of recording the lesson was to insert a standard USB memory stick. When the recording was started and stopped the recorded lesson complete with video and audio was then only available as a video file on the teacher's own USB memory stick. In order to achieve this aim a system was designed which featured a simple USB slot at the front of the room. The one and only method of recording the lesson was to insert a standard USB memory stick. When the recording was started and

stopped the recorded lesson complete with video and audio was then only available as a video file on the teacher's own USB memory stick.

From there the teacher is able to review it on their own computer at their own pace. They can delete it or share it with others - but it is within the teacher's control only. Essential to the system was that it be discrete with high quality recorded audio. To this end DIB installed sensitive and discrete tiny microphones mounted above the teachers and students on the ceiling. This audio is recorded with the video from a specially located camera at the rear of the room. The camera is designed to capture the students and their body language and interaction with the class as well as the audio.

The simplicity and quality of the system has assisted Gus in his decision to include it as a part of every teacher's performance plan and self review process. With the Teacher Self Review system in place it's just another step in John Fawkner College's process of significant reflection and self improvement all with the objective of improving student outcomes.

For more information on teacher review systems please contact a D.I.B Solution Consultant on (03) 9457 4800.

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LILYDALE HIGH SCHOOL – NEW IDEAS WITH THE LEARNING CENTRE

Lilydale High School first opened in 1919 and has always had a tradition of providing excellent educational programs for Secondary students 7-12.

92 years on and Lilydale High has continued to encourage the highest standard of achievement by keeping up with the latest in educational technology.

After learning about the new Epson Interactive Projector and wanting to explore ways to better engage students, the ICT team at Lilydale High School approached D.I.B to see how this could best suit their large

“Learning Centre” space which can be opened up into one large area or sectioned into 3 separate classrooms.

The ICT team and D.I.B came up with a unique idea which involved an Epson Interactive Projector system to be installed into the centre classroom along two large 55” LCD displays to be mounted in each of the adjoining rooms.

This means that **“when the room is opened up for special occasions such as information evenings, the LCD screens are set-up to be able to display whatever is being shown through the projector”**, therefore

providing a visual for anyone standing anywhere in the rooms. However if the LCD’s and Interactive Projector are required to all be displaying different things at once, a teacher simply has to plug their laptop into a conveniently located VGA input at their desk and the LCD will automatically switch over.

As well as being an extremely neat and professional looking installation, this solution has been a fantastic way to utilize the Learning Centre space and will no doubt be getting a lot of use from teachers and students.

The staff members at Lilydale

have just completed their first PD session with one of DIB’s Solutions Consultants, Gabi, and are all very keen to begin using their new Interactive Projector and LCD system.

DIB Australia and Lilydale High School look forward to working together in the near future to keep this driven and distinctive school ahead with the latest in educational technology.

For more information on how D.I.B Australia can assist you with the design and installation of audio visual solutions for your learning centre please contact a D.I.B Solution Consultant on (03) 9457 4800.

