

Teachers get prepared at Mother Theresa Primary School



Mother Teresa Catholic Primary School in Craigieburn is established on the former mid 19th century pastoral and farming complex Orlig. In fact the original bluestone homestead still sits on the school's property and is used for various sustainability activities by the school including a vegetable garden.

Ever progressive, the school is part of the Stephanie Alexander Kitchen Garden National Program.

It was progress in the mind of the principal - Christopher Reed - when his team commissioned DIB Audiovisual for the latest in a long run of technology projects over the last decade.

The team at DIB Audiovisual pride ourselves on keeping our clients and schools informed of the latest technology. We recently discussed the latest recording and streaming technology with the school and this prompted a new project to turn the teacher preparation

room into a multi-functional space. This fully flexible space can now be used for presentations, student learning, and even video conferencing.

One fixed camera records the front of the room. Whilst a second PTZ (Pan, Tilt, Zoom) Camera can be used to capture the audience in part of all of the room.

Coupled with ceiling microphones to capture general conversation, wireless lapel microphones for presenters and further wireless Revo Lab microphones, the school can capture any discussion or audio in the room from ground level up.

The PTZ camera also has a USB cabled directly to a PC so the teachers can also use the room for video conferencing. Whatever is loaded onto the computer will tap into camera and microphones - so it makes the system very flexible. Our experience with this technology and willingness to

OPEN FOR BUSINESS

The DIB Audiovisual team is open for business to help your school with audiovisual needs during the COVID-19 Pandemic.

keep customers informed of the latest developments, were key reasons why the school chose us to complete this project.

We were also able to get our supplier to bring equipment to the designated room, and do final planning before the school had to commit to the project.

This ensured we got exactly the right equipment in the right configuration to suit all the various uses of the room that the school had in mind.

This room continues a tradition of excellence and incorporating technology to deliver a flexible learning environment for the school's students.

For more information, call DIB Audiovisual on (03) 9457 4800.

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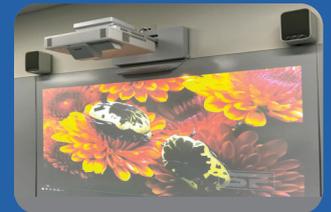
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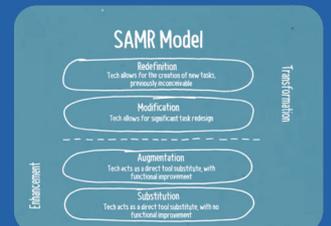
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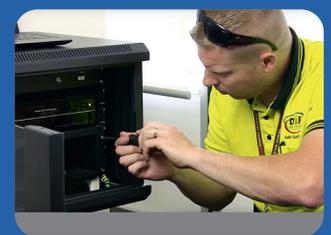
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From Gymnasium to Multi-functional Event Space



Blackburn High School is a public secondary school for both girls and boys in years 7 to 12 in Blackburn North, a suburb of Melbourne, Victoria, Australia, founded in 1956.

The school espouses values such as Respect, Pursuit of Excellence and Citizenship.

Like most schools in suburban Melbourne, space is at a premium and with a large student body, the space to hold events, assemblies and public meetings including parents are limited.

The Gymnasium is often the largest space in schools, but is rarely designed in a way that is conducive to light and sound.

Hard surfaces, light filled spaces and ball sports also don't play well with audio visual.

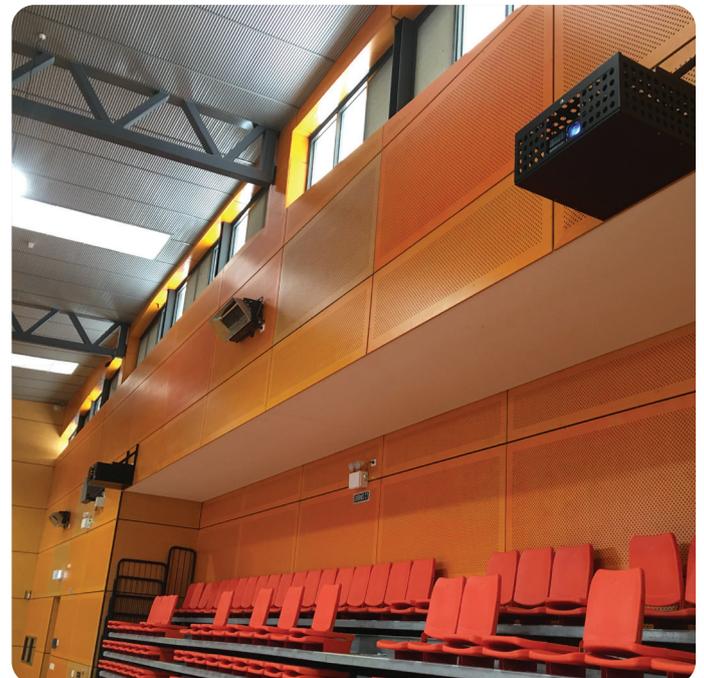
Nonetheless, the professional team at DIB Audiovisual is well versed in solutions to make it work.

In this instance, the team at Blackburn High School wanted to use the Gymnasium configured down the long axis of the room.

To handle optimal viewing angles, DIB proposed a dual projector and screen system.

We coupled this with the latest in high brightness, laser projector technology from Epson. In this case, we used two EPSON EB-L1505UNL WUXGA 4K Enh 12,000 ANSI Projectors installed in security cages.

And lenses which make sure everything is in focus whilst projecting images over several metres from projector to screen.



Recording & Streaming

In this project it was two EPSON G7000/Laser - Long throw zoom lens.

The screens were motorised Grandview SmartScreen 200" 16:10 Projector Screens. All this was integrated with the schools' existing audio system.

This was the first time DIB Audiovisual had worked with the school. Our pre-proposal planning meetings, equipment tests and gaining a clear understanding of needs was important in the decision process for the school.

We were also able to connect the school into our network of past clients and arrange site visits to similar projects. DIB Audiovisual takes the time to get the solution right, and we're all about making great connections



For assistance with your school's audiovisual requirements, do not hesitate to contact a **DIBAV Solutions Consultant** today via info@dibaustalia.com.au or **03 9457 4800**.

For more information on this project please visit <https://bit.ly/3ijsNMK> or scan the QR code below.



Check out our limited time \$599* 1-Day Service Offer on the back page.

*conditions apply



There are a wide range of devices available to schools to record and stream classes. All of these products can be put to good use to keep classes for future reference but also for the growing trend for remote learning.

Depending on the product, the teacher can capture single or multiple video sources, sending the content to recorded files, whilst at the same time streaming via sites such as Microsoft Stream, Wowza, Youtube and more.

DIB will help you design and integrate the best hardware for your requirements.

Some suitable products include:

- The LUMENS LC200 Recorder
- The Extron SMP351
- The Magewell Ultrastream

The Lumens LC200 Recorder is an exceptional capture, record and streaming device. It offers a high degree of flexibility for the teachers or organisation wanting to deliver a quality remote learning or presentation environment. You can record, stream and live-switch simultaneously.

This makes the LC200 a good system choice.

If you're looking for an easy to use stand-alone device to enable streaming of your video content, then the Magewell Ultra Stream is a great solution. Magewell Ultra Stream will enable you to stream easily to Youtube.

The device provides for internet connectivity via a wired ethernet cable, Wi-Fi or an optional 3G/4G modem.

You can control the device via the on-device buttons, through an intuitive smartphone app, or an interface on your browser.

The Extron SMP 351 is a compact, high performance H.264 recording and streaming processor that provides the ability to record a presentation and output an HDMI signal to a local display, and, if needed, stream the AV content live while recording.

Each of these systems has different options and applications and the right device should be matched to the application that you desire.

INTERESTED IN RECORDING AND STREAMING YOUR LESSONS? CONTACT US!

For more information on the products featured in this article and which device will suit your requirements please contact a DIB Solutions Consultant at **9457-4800**, visit <https://bit.ly/2WUD7Cj> or scan the QR code.



A new classroom standard for Loreto Mandeville Hall



Loreto Mandeville Hall is an independent Roman Catholic comprehensive school for girls located in Toorak. The school was established in 1924.

Loreto considers its primary goal is to help their students become confident, self-assured women. The schools focus is on an authentic Loreto experience, and providing students with the challenges and opportunities they need to truly excel in life.

A core part of a great learning experience in the 21st Century is the technology that is used to deliver lessons.

Loreto understands the importance of ensuring classrooms provide a cutting edge environment and asked DIB Audiovisual to help with the installation of new projectors in one of their classrooms.

Over the past few years, DIB has worked with the school to replace outdated technology and work towards a standard system across all classrooms.

The design was inspired by our classroom trials which have now become a standard for all new classroom works.

In this particular case DIB installed Epson EB-1485Fi

Projectors, Epson Speakers and Extron MLC62 control panels.

The Epson EB-1485Fi projectors are perhaps one of the best projectors available on the market today and offer exceptional quality, brightness and low maintenance.

in some classrooms, we've reprogrammed existing Extron MLC64 control panels to give consistency of operation.

The team at DIB Audiovisual love working with our clients to understand needs, propose solutions and then provide professional installation in partnership with

school maintenance departments.

In this case the school's maintenance department made some alterations to wall spaces to ensure we could effectively hide cabling.

For more information, please call the team at DIB Audiovisual for a professional consultation on your needs for your school. Call (03) 9457 4800 or scan the QR code in this article.

WANT TO SET A NEW STANDARD FOR YOUR CLASSROOMS?

CONTACT US!

For more information about this project, please visit <https://bit.ly/3fCQj5r> or scan the QR code below.





Special Equipment for a Special School

The motto for Broadmeadows Special Development School is Embrace your Ability.

For a school providing educational programs for primary and secondary school-aged students with a moderate to profound intellectual disability, sensory and physical impairments, and Autism Spectrum Disorder, this is an inspirational statement.

When the school approached DIB to assist with the installation of some audiovisual equipment we were naturally delighted to help.

The school is a modern purpose built facility located in the Melbourne suburb of Broadmeadows and provides an attractive and safe environment.

Quality audiovisual equipment can enhance the learning for any student, and this includes those with some physical or intellectual disability.

In this instance, DIB proposed the use of the The CommBox Interactive Classic V3 premium touchscreen. This product provides a simple, clean interface that supports pedagogy with built-in web browser, whiteboard and screenshare.

Apart from a wide range of cool high tech features, a big decision point for the school was the 5mm toughened glass on this product, making it able to withstand some tough treatment in the classroom.

Here are some other key features of the CommBox Interactive Classic V3:

- Instant Whiteboarding - without connecting a laptop or PC. The CommBox Whiteboard supports multi-touch and has an infinite canvas. Share & collaborate on your whiteboard, instantly.

- Clickview Built-in - Browse, view and play content from your ClickView library without the need for a PC.

- Built-in screenshare - Connect up to four devices wirelessly and simultaneously, then remote control your touchscreen.

- VIVI Built-in - Access VIVI screen mirroring and video streaming as well as classroom communications and emergency broadcasts without a laptop or PC connected.

The touchscreen also incorporates CommBox Glide™ Technology, ensuring that the panels are smooth and frictionless to touch.

The Commbox team also offer seamless updates to apps and software. Remote management of your devices is available through the Commbox central control portal.

DIB specified height adjustable wall mounts to make the screen accessible for everyone. Not only students with special needs, but different age groups as room use changes year to year.

Being a touch screen, the most important thing is that students

are able to comfortably interact with it, and then if being used as a display, or the teacher is presenting something, it can be raised to a more comfortable level.

DIB Audiovisual also installed a Commbox Soundbar with this system. The team are justifiably proud of this installation, supporting special needs children in Melbourne.

For more information please call DIB on (03) 9457 4800.

INTERESTED IN RENOVATING YOUR SCHOOL? CONTACT US!

For more information about this project, please visit <https://bit.ly/3if9TpX> or scan the QR code below.





Lavalla Catholic College Innovates

Lavalla Catholic College is proud of its provision of a Catholic Education that meets all the needs of the students and families in the Latrobe Valley.

Through its network of three Campuses the College has innovative programs across all levels of the school that have been designed to engage students, build self-esteem and provide learning experiences that are fun and inspiring as well as relevant and rigorous.

It was with innovation in mind that Lavalla Catholic College engaged DIB Audiovisual to update their boardroom with a Logitech Rally PLUS Premium Ultra-HD ConferenceCam System.

Logitech Rally offers an Ultra-HD imaging system, delivering brilliantly sharp video, outstanding colour, and exceptional optical accuracy at resolutions up to 4K.



The modular audio system brings crisp, clear audio and unmatched voice clarity to the table. For larger spaces with 14 participants or more, Rally Plus offers two mic pods and two speakers.

The Logitech Rally Plus Solution is ideal for larger spaces and in this case, DIB Audio-visual supplied additional Mic Pods and Mic Hubs to suit the schools need for an estimated maximum of 20-25 participants in their meetings.

As is common with our clients, DIB also had to take into account the infrastructure behind the scenes - in this case ensuring that existing Cat6 cabling would

handle existing audio visual components as well as the new solutions.

We reprogrammed the existing JED T440 control panel to support changes to the existing AV system with the addition of the Logitech Rally.

This included checking the existing Kramer switcher to support HDMI connection from the Rally Display Hub, as well as a dedicated PC connection (as well as the existing VIVI).

All in all the installation resulted in a high quality, upgraded solution for the college, that will



support their conferencing for years to come.

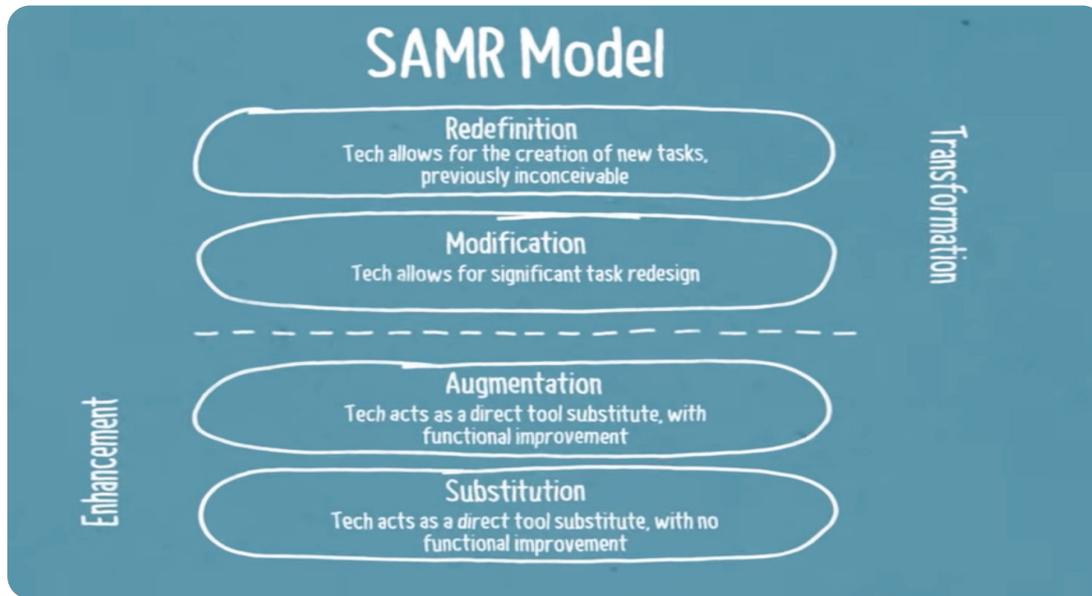
For assistance with your new or upgraded AV solutions call DIB Audiovisual on (03) 9457 4800 or email info@dibaaustralia.com.au.

INTERESTED IN UPDATING YOUR SCHOOL? CONTACT US!

For more information about this project, please visit <https://bit.ly/3a4vXkq> or scan the QR code below.



The SAMR Model for including technology in learning



Dr Puentedura says it is just fine for people to take their time incorporating elements of the model in their teaching practice. It's important for them to feel comfortable and evolve. Do what you already do at the substitution and augmentation levels and incorporate it into your practice.

When you are comfortable then you can move into the other parts of the model and bring in elements of Modification and Redefinition.

"To be honest with you, this is the approach that would work for most teachers" he says.

As a graduate student in the mid 1980's at Harvard, Dr Ruben Puentedura was examining the undergraduate science program. He could see some of the tools that were available for digital storytelling would be useful. But equally it wasn't intrinsic to the tools being used, but really different types of practices - how the tools were used in teaching.

This was the basis for his well known and popular teaching model - the SAMR Model. An acronym that stands for different types of teaching practices in relation to the use of digital technology. These four practices are:

Substitution

At this stage, technology is directly substituted for a more traditional one. It is a simple, bare-bones, direct replacement. For example: Using the software on an interactive whiteboard or touchscreen to write up the notes for the class using the digital inking functions.

Augmentation

The technology is again directly

substituted for a traditional one, but with significant enhancements to the student experience.

For example: Now being able to save and distribute those notes directly from the interactive display to all the students in the class, and even those who may have missed out. This may include notes from a lesson, or even a document created using software with screenshots and annotations relating to the subject.

Modification

In this stage, you are beginning to move from enhancement to transformation on the model. Instead of replacement or enhancement, this is an actual change to the design of the lesson and its learning outcome.

For example: By now integrating further collaboration hardware such as a VIVI, not only can a teacher be writing & annotating on the board, and able to save the content, but students are able to view the lesson live on their devices in real time, and also present their screen. By using enhanced analytics provided

by the VIVI, teachers are able to get data on individual student participation and a greater understanding of their progression.

Redefinition

The last stage of the SAMR model is Redefinition and represents the pinnacle of how technology can transform a student's experience. In this case, you ask yourself if the technology tools allow educators to redefine a traditional task in a way that would not be possible without the tech, creating a novel experience.

For example: Adding a video conferencing solution to a room will give the ability to take students on virtual experiences that may have otherwise been impossible.

Take a tour of a spaceship guided by an astronaut, or choose from many other of the experiences available online on sites such as virtualexcursionsaustralia.com.au

By going one step further and adding in recording and streaming capabilities, teachers can record lessons for students to review.

The team at DIB Audiovisual can work with you to integrate audiovisual products and solutions into this teaching methodology.

We provide staff training and maintain a strong emphasis on continued Professional Development with any systems we install. This is why our team is considered to be professionals in what we do. For us, it is not just about the physical product, but the application in your teaching environment that counts.

The team and DIB Audiovisual have been excited to learn about the SAMR model as it is a natural fit to our existing consulting methods. We are firm believers in helping schools enhance their teaching through technology striking a balance that helps and provides for growth but does not force unproven or unwanted tools and methodologies onto teachers.

FIND OUT MORE 



Limited time \$599 1-Day Service Offer



Every audiovisual system; no matter how high quality; needs ongoing maintenance.

Blown globes; broken cables; cameras out of alignment. Even dust in the components can all play havoc with the quality of visuals or sound

For a limited time, the team at DIB is offering a 1-day service of your school's equipment for just \$599.

Available to all new and existing clients.

The Service Offer includes:

One 6.5 hour day for one experienced AV technician. Any of the following checks will be conducted.

Firmware updates; alignments; touch calibration on panels; audio checks; rack audits; discovery lab/recording checks; micro-

phone checks; wall controller updates; VC audits/repairs and wallplate replacements.*

***limited to 1 day per customer, does not include parts needed for repairs. Valid for term 3 only.**

TO BOOK THIS SERVICE PLEASE GIVE US A CALL ON (03) 9457 4800

For more information please visit: www.dibaustalia.com.au or scan the QR code below.



STEPS TO LOG A SERVICE REQUEST (DIB Australia)

STEP 1

Log on to support.dibaustalia.com.au



STEP 2

Click 'SUBMIT A REQUEST'

STEP 3

Fill in fields. Making your description of the fault as clear and detailed as possible will reduce any potential delays. You can even upload photos of the fault to assist the support staff.

STEP 4

Click 'SUBMIT' and a confirmation page will be displayed with a request # and your subject line. An email will also be sent to your inbox notifying you that your request has been received by the support staff.



STEP 5

A support staff member will then make contact with you with a suggested date and time for a service technician to be onsite.

CREATE AN ONLINE ACCOUNT

You can monitor all of your requests (especially useful for larger organisations) by creating an online account.

